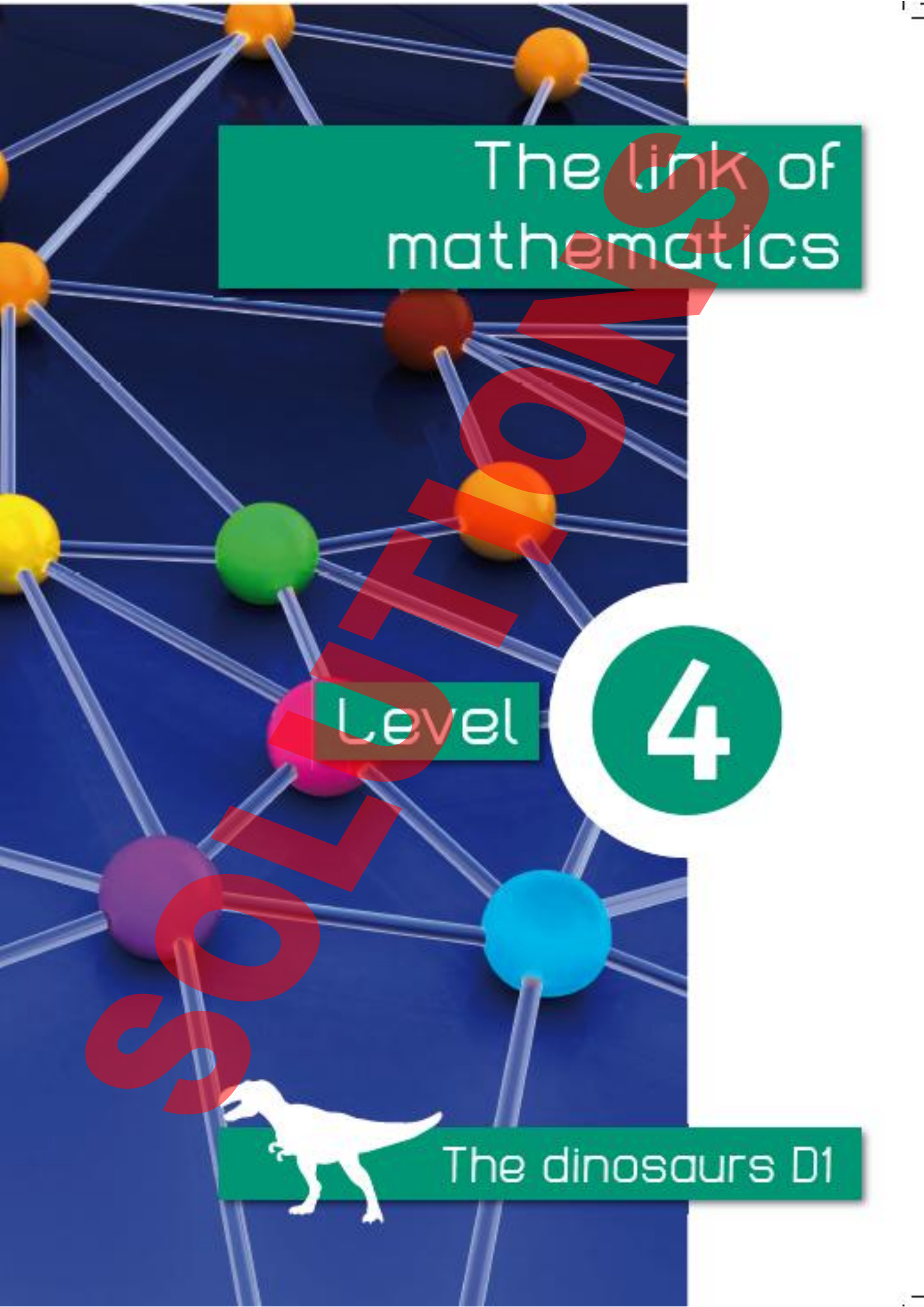


A network diagram with a dark blue background. It features several colored spheres (orange, yellow, green, pink, purple, blue) connected by thin, light blue lines. The spheres are arranged in a non-uniform pattern, with some having more connections than others. A large, semi-transparent red watermark with the word 'SOLUTION' is oriented diagonally across the center of the image.

The link of mathematics

Level

4



The dinosaurs D1

The Link of mathematics is designed to help children develop their mathematical skills.

Each Link or page has four practice exercises with short and varied activities to consolidate learning and increase self-esteem.

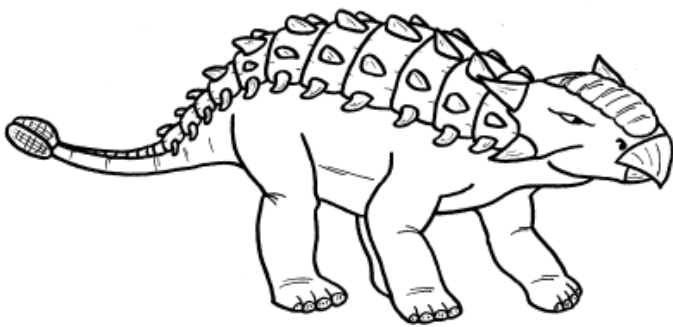
The dinosaur series comprises four workbooks starting from third grade of primary school. The teacher can use any of the workbooks for 4th, 5th or 6th grade of primary or secondary school, depending on the level.

At the end of the workbook there are two evaluation links.

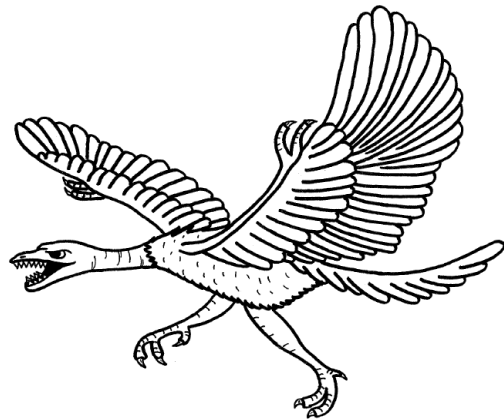
We use synonyms for mathematical operations so the children will become familiar with them and quickly recognize and relate them.

- THE SUM with add, altogether, increase, plus, how many, more than..., the total of..., 3 more than...
- THE SUBTRACTION with the difference, less, minus, decrease, take away, what is left, fewer than...
- THE MULTIPLICATION with multiply, product, 4 times..., add up equal sets (3 sets of five)
- THE DIVISION with share, dividing, how many sets of 2 in 10

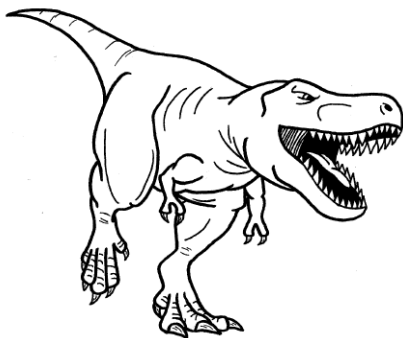
The workbook DINOSAURS 4 is presented by an ankylosaurus, a parasaurolophus, an archaeopteryx and a tiranosaurus-rex.



I'm an ankylosaurus. I had an armour body. I had beak and I was herbivore



I'm an archaeopteryx. I was not a bird and I was not a dinosaur. I had mouth with teeth and I could fly.



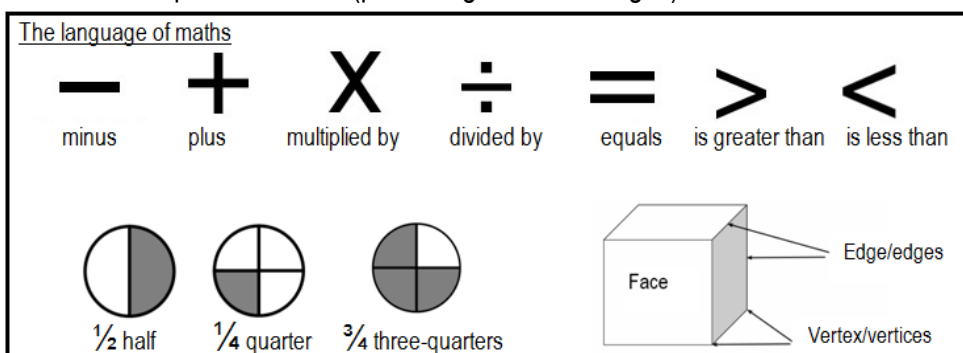
My name is T-Rex. I was a fierce predator. In one bite I could eat more than 200 kg of meat and bones

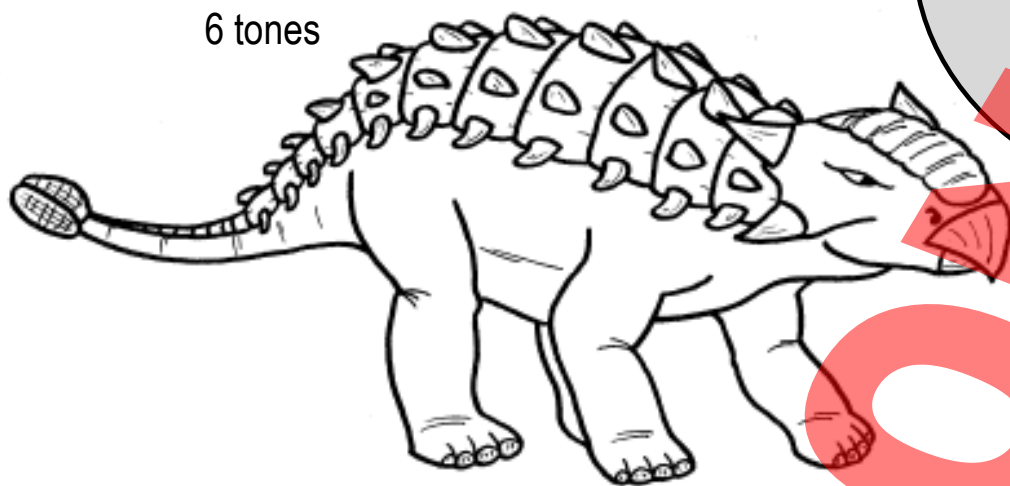
I'm a parasaurolophus. I had a bony crest. I was a fast dinosaur and I was herbivore.



Contents:

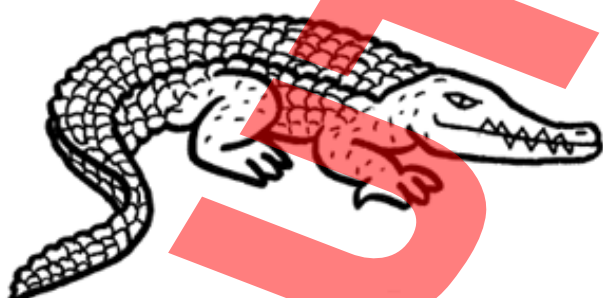
- Numbers and calculation:
 - Reading and writing numbers in figures and words
 - Using symbols $< > =$
 - Units, tens and hundreds
 - Counting forwards in 2s, 5s 10s
 - Odd and even numbers
 - Approximations to the nearest 10, hundred, thousand
 - Addition and subtraction (practical applications)
 - Multiplication tables and additions
 - Division tables and remainders
 - Fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$
 - Fractions of quantities
 - Half, double, twice, two times...
 - Percentages
 - Square number (2^2 , 4^2 ...)
 - Square root $\sqrt{25}$
- Measures:
 - Units of length: km, m and cm
 - Units of mass: kg, g, $\frac{1}{2}$ kg, $\frac{3}{4}$ kg, $\frac{1}{4}$ kg
 - Units of capacity: litre, $\frac{1}{2}$ l, $\frac{1}{4}$ l, $\frac{3}{4}$ l
 - Conversions of measures
 - Dozen, $\frac{1}{2}$ dozen
- Time – conversions:
 - Years, months, weeks, days and leap year
 - Hours, minutes, seconds ($\frac{1}{2}$ h, $\frac{3}{4}$ h...)
 - Telling the time (clocks)
 - Decade, century
 - The four points of the compass N (north), S (south), E (east) and W (west)
- Money:
 - “Euro” and “centims” – equivalents and conversions
 - Shopping calculation
- Geometry:
 - Parallel lines and perpendicular lines
 - Shapes (square, triangle, rectangle, circle, pentagon, hexagon, octagon...)
 - Circumference (diameter, radius) semicircle
 - Perimeter and area
 - Vertices, sides, edges
 - Angles (right angle, obtuse angle and acute angle) Degrees of angles
 - Polygons: cube, cuboid, pyramid, cylinder, cone and sphere (3D shapes)
- Estimation, probability and statistics:
 - Graphs and tables (percentages and averages)





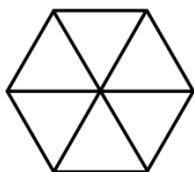
6 tones

9 metres

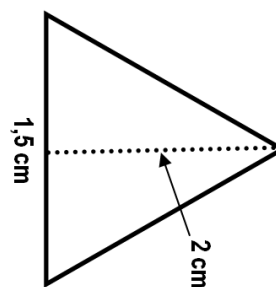


Osteoderms are also found in the skin of crocodiles, armadillos and some lizards.

This is an osteoderm



We know that one of the triangles measures

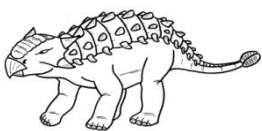


Calculate the area of 6 equal osteoderms

The area of six osteoderms is **9 cm²**

And which will be the perimeter of one osteoderm?

The total perimeter of one is **9 cm**

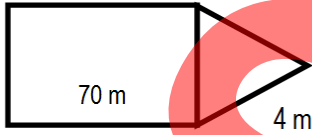


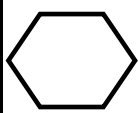
THE ANKYLOSAURS LINK

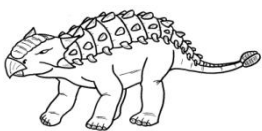


	PRACTICE 1	Answer
1	Add 15 to 99	149
2	Sum them all up $(10 + 2 + 0,30) =$	12,30
3	Increase 0,30 by 0,10 and you get....	0,40
4	50 and 30 more	80
5	0,25 plus = 1	0,75
6	How many cents are there in €1?	100 cents
7	How many euros are 50 cents? a) a half of euro b) a quarter of euro	a)
8	Find the sum of 108 and 99	207
9	The product of 3 and 10	30
10	 How many pairs are there in 150 shoes?	75 pairs

	PRACTICE 2	Answer
1	Write the number 130 in words	One hundred and thirty
2	Half of 7	3,5
3	Double 1,5	3
4	How many half euros are there in €3?	6 halves
5	Take 10 from 100	90
6	Take away 99 from 200	101
7	What are six groups of 10?	60
8	How many eggs are there in 4 dozens?	48
9	How many eggs are needed to have 3 half dozen?	18
10	Decrease 10 by 10 and you get...	0

	PRACTICE 3	Answer
1	You know how many tones the ankylosaurus weighted. How many kilograms?  6 tones	6.000 kg
2	I want to know the perimeter of the total of the field 	152 m
3	How many edges are there in vertex A? 	3 edges
4	The ankylosaurus has 100 osteoderms, what is the area of all osteoderms if you know that the area of one triangle is 1,5 cm ² ? 	900 cm ²
5	How many ankylosaurus are six groups of nine?	54

	PRACTICE 4	Answer
1	 Write the name of this shape	Hexagon
2	 I started my homework at six o'clock and I finished it at half past seven. How many minutes did I spend doing my homework?	90 minutes
3	There are 18 ankylosaurus and 6 stegosaurus in a forest. How many more ankylosaurus than stegosaurus are there?	12
4	Who is the biggest? a)  b)  c) 	b)
5	How much do these toys cost?  €12,50  €15  €8	35,5 €



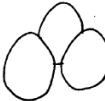
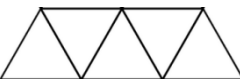
THE ANKYLOSAURS LINK

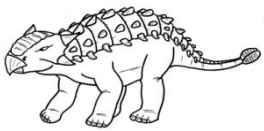


	PRACTICE 1	Answer
1	15 minus 0,6 equals	14,4
2	150 plus 150 plus 150	450
3	 How many vertices?	3
4	 a) 45° b) 90° c) 75°	b)
5	250 minus 25 makes	225
6	Which month comes after July?	August
7	How many hundreds? 450	4 hundreds
8	How much more do you need to make €1?  	30 cents
9	 x 5	30
10	Write the sixth letter in the row F E D C B A	A

	PRACTICE 2	Answer
1	Write the number 26 in words	Twenty six
2	Five sets of 	25
3	Add the odd numbers 9, 7, 8, 10	16
4	How much?    	125 €
5	How many pairs of legs are there in 6 ankylosaurus?	12
6	A workbook costs €7,75, how much are two?  	15,5 €
7	Which number is missing? 1.336,, 1.356	1.346
8	Double 11 and then double the answer	44
9	2.360 minus 20	2.340
10	90 divided by 9 is	10

	PRACTICE 3	Answer
1	Bernard has tractors and cars. There are 24 wheels in total, which is the right option? a) 1 tractor and 2 cars b) 5 tractors and one car c) 5 tractors and 4 cars	b)
2	 If I buy 2 books and pay with a €100 note, how much change will I get? €15,50	69 €
3	I have €50 note to buy.... How much change?   €7  €23	20 €
4	Playing stickers I won 15 and lost 9. If I have 57 stickers now, how many stickers did I have at the beginning?	63 stickers
5	There are 250 trees in an area, 10% of the trees are ill. How many trees are ill?      	25

	PRACTICE 4	Answer
1	 Some ankylosaurus ate 58 fruits from a tree that contained 95. How many fruits are still at the tree?	37 fruits
2	Roger owed his mum 60 euros. Yesterday he paid her 7 euros and today 29. How many euros does he still owe her?	24 €
3	 How many eggs do they have altogether if the brachiosarus has 6 eggs and the ankylosaurus has 7?	13 eggs
4	 My father needs 1/4 of this petrol tank, if it contained 200 litres, how many litres are still in the tank?	150 l
5	How big is the total area?   4 cm ²	20 cm ²

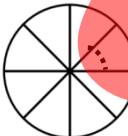


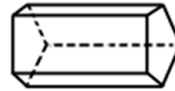
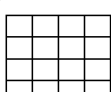
THE ANKYLOSAURS LINK

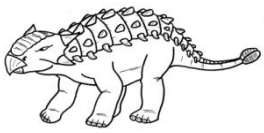


PRACTICE 1	Answer
1 How many minutes are there in 120 seconds?	2 minutes
2 Double 160	320
3 Half of 350	175
4 How many pairs of shoes are there in 680 shoes?	340 pairs
5 The product of 60 and six is	360
6 How many twos are there in 120?	60
7 Increase 2 by 0,50 and you get....	2,50
8 Add them all up $(85 + 99 + 20) =$	204
9 Add 150 to 100	250
10 85 divided by 5 makes	17

PRACTICE 2	Answer
1 Write the number 44 in words	Forty four
2 Eight times 	40
3 Take 99 from 380	281
4 How many halves of euro is there in  ?	20
5 What are 5 sets of seven?	35
6  six times	60
7 How many eggs are needed to have 2 dozens?	24
8 Half of 380	190
9 Colour all the cuboids 	
10 90 divided by 9 is	10

PRACTICE 3	Answer								
1 How much heavier is bag A than bag B?  A  B	40 kg								
2 Helen leaves home at 8:00. Her work takes her 6 hours. At what time does she arrive at home? 	2:00								
3 Which of these angles is an obtuse angle? a)  b)  c) 	a)								
4  How many degrees are there in the marked angle?	45°								
5 <table border="1" data-bbox="127 1926 319 2083"> <tr><td>Bananas</td><td>?</td></tr> <tr><td>Peaches</td><td>9</td></tr> <tr><td>Plums</td><td>5</td></tr> <tr><td>Apples</td><td>10</td></tr> </table> The total fruits is 36. How many bananas are there?	Bananas	?	Peaches	9	Plums	5	Apples	10	12
Bananas	?								
Peaches	9								
Plums	5								
Apples	10								

PRACTICE 4	Answer
1 Which of these shapes is a rombe? a)  b)  c)  d) 	b)
2 The total distance from Barcelona to Madrid is 600 km and Barcelona to zaragoza is 200 km. How far is it from Zaragoza to Madrid?	400
3 How many edges are there? 	15
4 Which one is the second?   	
5 Fill in the gaps: 90, 10, 50 	

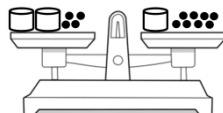
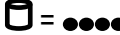
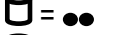
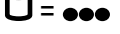


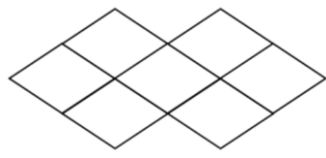
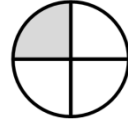
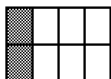
THE ANKYLOSAURS LINK



	PRACTICE 1	Answer
1	Divide 29 by 2. What remain is left?	1
2	How many gloves are 6 pairs of gloves?	12 gloves
3	The greatest $0,6 - 0,66 - 0,06$	0,66
4	How many pears can you get? 	0 pears
5	Eight tens are	80
6	How many groups of five can you do with 40 children?	8 groups
7	Which is an odd number? 34, 63, 5, 90	63, 5
8	Count backwards 365, 360, 355, 350,	345
9	Count in halves Two thousand, one thousand ...	Five hundred
10	Which is the month that has twenty-eight days, sometimes 29?	February

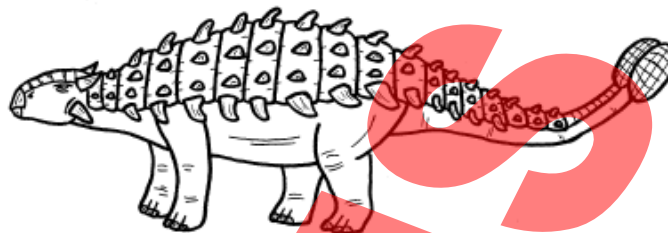
	PRACTICE 2	Answer
1	What is the perimeter of three of these? 	48 cm
2	Which one is a pyramid? a)  b)  c)  d) 	c)
3	Take 350 from 900	550
4	65 plus 60 plus 60 makes	180
5	Four dozens of eggs are...	48 eggs
6	How many triangles can i have? 	16
7	$(2,9 + 0,1) \times 4 =$	12
8	Ten times eleven	110
9	Which is the even number? $650 - 933 - 767$	650
10	Half of 66	33

	PRACTICE 3		Answer										
1	<table><tr><th>Hanna</th><th>Paul</th></tr><tr><td>8</td><td>2</td></tr><tr><td>6</td><td>4</td></tr><tr><td>3</td><td>7</td></tr><tr><td>5</td><td>5</td></tr></table>	Hanna	Paul	8	2	6	4	3	7	5	5	How many more did Hanna score?	4 more
Hanna	Paul												
8	2												
6	4												
3	7												
5	5												
2		The taxi travels 26 km in a quater. Find its speed in one hour	104 km/h										
3	 €99	Three bags cost €99. Find the price of one bag.	33 €										
4	a) 6 b) 10 c) 8	How many vertices are needed to build a cube?	c)										
5		a)  = b)  = .. c)  = ...	a)										

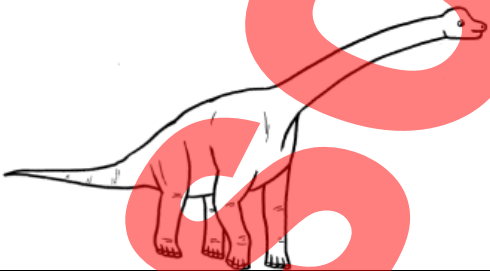
	PRACTICE 4	Answer
1	How many rhombuses are there? 	7 or 9
2	And how many triangles? a) 7 b) 14 c) 28 	c)
3	 How long is the total of the edges of the cube? One edge = 2 cm	24 cm
4	Complete $0,3 + \dots = 2$	1,7
5	Which one is correct? $\frac{2}{3}$ a)  b)  c) 	c)

I'm herbivorous,
with small head and beak.

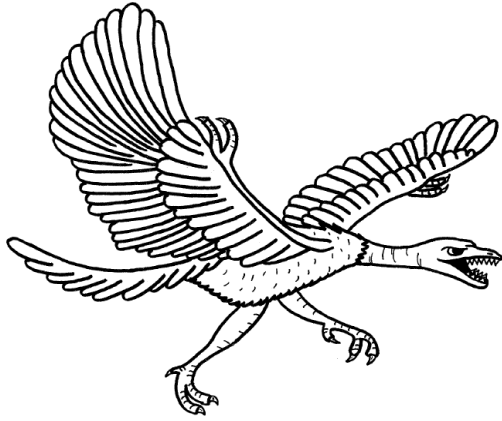
And my tail club was also
composed of several large
osteoderms, which were fused
to the last few tail vertebrae.



Think about dinosaur
defences and complete

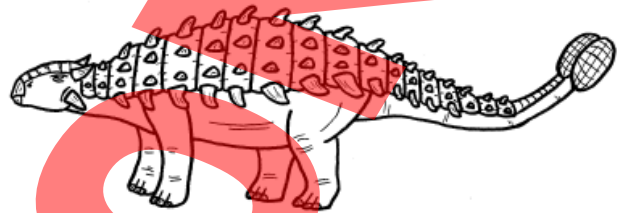
	Whip tail	Horns	Armoured body	Huge teeth	Spikes
					✓
			✓		
				✓	
		✓			
			✓		
	✓				

Which is the dinosaur who has an armoured body? **The ankylosaurus and the stegosaurus**

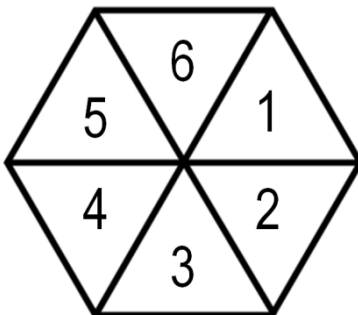


I'm an archaeopteryx (are-Kee-OP-ter-iks).
I'm considered between a dinosaur and a bird. I have more in common with other small dinosaurs than with modern birds.

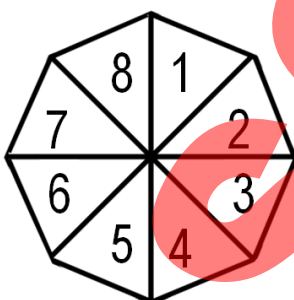
Do you want to play with me?



Archaeopteryx and ankylosaurus are playing a game with spinners.



Archaeopteryx spinner



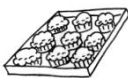
Ankylosaurus spinner

Express the answers in as low fractions as possible		
1	What's the probability of archaeopteryx spinning 2?	$\frac{1}{6}$
2	What's the probability of archaeopteryx spinning 6?	$\frac{1}{6}$
3	What's the probability of ankylosaurus spinning 6?	$\frac{1}{8}$
4	What's the probability of archaeopteryx spinning an odd number?	$\frac{3}{6}$ o $\frac{1}{2}$
5	What's the probability of ankylosaurus spinning a number greater than 4?	$\frac{4}{8}$ o $\frac{1}{2}$

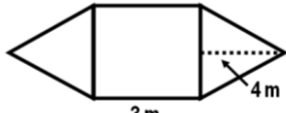


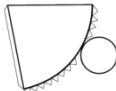
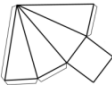
THE ARCHAEOPTERYX LINK



	PRACTICE 1	Answer
1	How many seconds are there in 1 hour?	3.600
2	$\frac{1}{2}$ of one hour are..... seconds	1.800
3	It's true or false a) $\frac{1}{2} = 50\% = 0,5$ b) $\frac{3}{4} = 70\% = 0,70$	a) T b) F
4	How many days are there in April?	30 days
5	Seven and 10 more	17
6	The total of 10, 6 and 20	36
7	 Two times	18
8	The nearest approximate answer to 3,50 a) $1,50 + 2,10 =$ b) $0,70 + 1,60 =$	a)
9	Which one is smaller than a)? a)  b)  c) 	b)
10	$(6 \times 9) - (12 : 2) =$	48

	PRACTICE 2	Answer
1	Eight multiplied by nine	72
2	Decrease 12 by 7 and you get....	5
3	 How many marbles are there in 20 bags?	200 marbles
4	The product of ten and one hundred	1.000
5	The half of 20	10
6	Three-quarters of 100	75
7	Double nine	18
8	What is left when you take 3 apples away? 	7
9	Give an approximate answer  a) 24 kg b) 1 kg c) 5 kg	c)
10	The product of 150 and 2	300

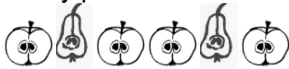
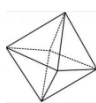
	PRACTICE 3	Answer
1	 The total area	21 m ²
2	Calculate these square numbers	$3^2 = 9$ $2^2 = 4$ $6^2 = 36$
3	How many days does February have in a leap year?	29
4	How many years are there in 6 centuries?	600 years
5	Bernard pays €910 for a bike and €150 for a helmet. How much money does he spend?	He spends € 1.060

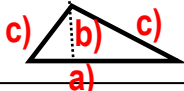
	PRACTICE 4	Answer																								
1	Which part of the students arrives at school by car? <table border="1"><thead><tr><th colspan="3">By bike</th><th colspan="3">By bus</th><th colspan="3">By car</th><th colspan="3">walking</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> 0 100	By bike			By bus			By car			walking															30%
By bike			By bus			By car			walking																	
2	Is the fourth person from the left a boy or a girl? 	A girl																								
3	Which is the correct one shape for a pyramid?  a)  b) 	b)																								
4	Yesterday 20.210 people went to the park. Today, there were 26.604. How many more people came today? Estimate to the nearest ten-thousand.	5.000																								
5	...  Which point is missing? a) was b) west c) western	b)																								

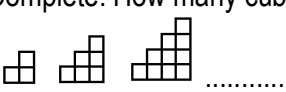
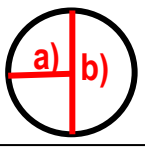


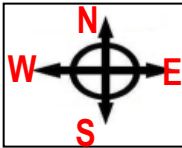
THE ARCHAEOPTERYX LINK



	PRACTICE 1	Answer
1	Take 99 away from 200	101
2	How many pears do I have? 	1
3	Ten minus 65 makes	55
4	What is left when you take one hundred from one thousand?	900
5	6 times eight is	48
6	How many tens are there in one hundred?	10
7	$2.800 + 700 =$	3.500
8	$(5 \times 8) - (2 \times 9) =$	22
9	Which shape has 8 edges? a)  b)  c) 	b)
10	Which is the capacity? Give an approximate answer a) 1 l b) 50 l c) 5 l	c)

	PRACTICE 2	Answer
1	Which one is the longest rope? a)  b)  c) 	c)
2	How many circles do you have if you connect the semicircles? 	4 circles
3	How many straight sides do 2 octagons have? 	16 sides
4	A period of 100 years is: a) a millennium b) a century c) a decade	b)
5	How many vertices are there in all these shapes? 	9
6	How many minutes are there in $\frac{3}{4}$ of one hour?	45 m
7	Half 400 - 200 - 100 -	50
8	$100 \times 10 =$	1.000
9	Answer with true or false a) 1 year = 365 days b) 10 years = 1 century c) 52 weeks = 1 year	a) True b) False c) True
10	Look at the terms and place the letters. a) base b) height c) side 	c) a) b) c)

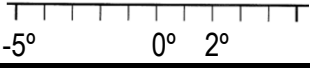
	PRACTICE 3	Answer
1	Complete. How many cubes? Draw 	
2	Write the numbers in words 3.254 Three thousand two hundred and fifty four 2.240 Two thousand two hundred and forty	
3	Draw a) radius b) diameter 	
4	Which one is a perpendicular line? a)  b)  c) 	b)
5	Which one is correct to measure the area? a) m b) cm c) m ²	c)

	PRACTICE 4	Answer																															
1	How many % of her day does Ann spend playing the piano? <table><thead><tr><th colspan="4">At school</th><th colspan="2">Free time</th><th colspan="2">eating</th><th colspan="2">playing piano</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>0</td><td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td><td>100</td></tr></tbody></table>	At school				Free time		eating		playing piano												0	10	20	30	40	50	60	70	80	90	100	20%
At school				Free time		eating		playing piano																									
0	10	20	30	40	50	60	70	80	90	100																							
2	Each ratio belongs to a percentage a) 0,04 1) 4% b) 0,05 2) 15% c) 0,15 3) 5%	a) 1 b) 3 c) 2																															
3	Add the 4 points of the compass East, North, West, South																																
4	Calculate these square roots a) $\sqrt{25} =$ b) $\sqrt{49} =$	a) 5 b) 7																															
5	What is left when you take 235 from 664? Estimate to the nearest hundred a) 300 b) 400 c) 500	b)																															

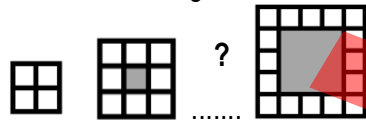
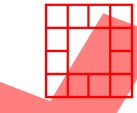
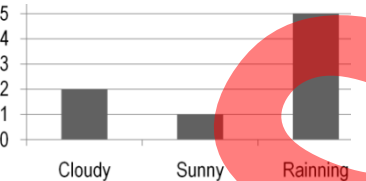


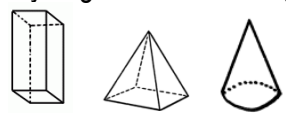
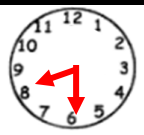
THE ARCHAEOPTERYX LINK



	PRACTICE 1	Answer
1	Estimate a) 45° b) 94°	a)
2	20% of 24	4,80
3	Approximate 459.806 to the nearest 1.000	460.000
4	The half of 230	115
5	Double 150	300
6	How many days are there in 20 weeks??	140
7	Find in degrees, the difference between the temperatures (-5° to 2°) 	7°
8	A book costs €20 plus 21% IVA. How much does it cost?	24,20
9	Double 500	1.000
10	The half of 33	16,5

	PRACTICE 2	Answer
1	Ten years are.... a) a century b) a decade	b)
2	Share 100 flowers between 4 girls	25
3	Seven times 8	56
4	The product of 10 and 6	60
5	Take 99 from 560	461
6	Take 6 away from 160	154
7	Share 10 units between 5 people and each person gets.....	2
8	10 fewer than 100	90
9	Increase 100 by 2	102
10	The total of 100, 200 and 320 makes	620

	PRACTICE 3	Answer
1	Draw the missing one 	
2	 Tick the correct Sunny 3/5 ☐ Raining 1/5 ☐ Cloudy 2/5 ☒	
3	What's the weather like Look at the graph above. Say true or false Most of days it's raining True Only one day it's cloudy False Every day is sunny False	
4	Which one shows parallels lines? a)  b)  c) 	a)
5	 Calculate the A and B degrees A + B = 180°	

	PRACTICE 4	Answer
1	1 mile equals 1,6 km. Complete a) 2 miles equals km b) 10 miles equals..... km	a) 3,2 km b) 16 km
2	Join the pairs a) ¼ kg 1) 500 g b) 1 mile 2) 250 g c) ½ kg 3) 1,600 km	a) 2 b) 3 c) 1
3	How many edges are there altogether? 	20 edges
4	Which is the thickest? a)  b)  c) 	b)
5	It's half past eight 	



THE ARCHAEOPTERYX LINK



PRACTICE 1 Answer

1	Colour the pyramids	
2	Write the number 85 in words	Eight five
3	Which one is the biggest? 1.250.360 – 1.050.630 – 1.560.360	1.560.360
4	How many seconds are there in 3 hours?	10.800
5	Is it true or false? a) $\frac{1}{4} = 0,25 = 25\%$ b) $\frac{1}{2} = 0,8 = 10\%$	a) True b) False
6	Which is smaller than c)? a) b) c)	a)
7	How many minutes are there in three-quarters of one hour?	45 minutes
8	2 centuries are.....	200 years
9	How many seconds are there in two hours?	7.200 seconds
10	Take 30 from 60	30

PRACTICE 2 Answer

1	How many are left if you take 6 cherries away? 	8
2	How many hundreds are there in 354?	3
3	Count backwards in tens 1.652, 1.642,	1.632
4	One hundred plus one thousand equals	1.100
5	How many degrees?	180°
6	How many days are there in a decade?	3.650
7	Eight times nine	72
8	Double 1.500	3.000
9	The half of 1.500	750
10	$\frac{2}{3}$ of 27	18

PRACTICE 3 Answer

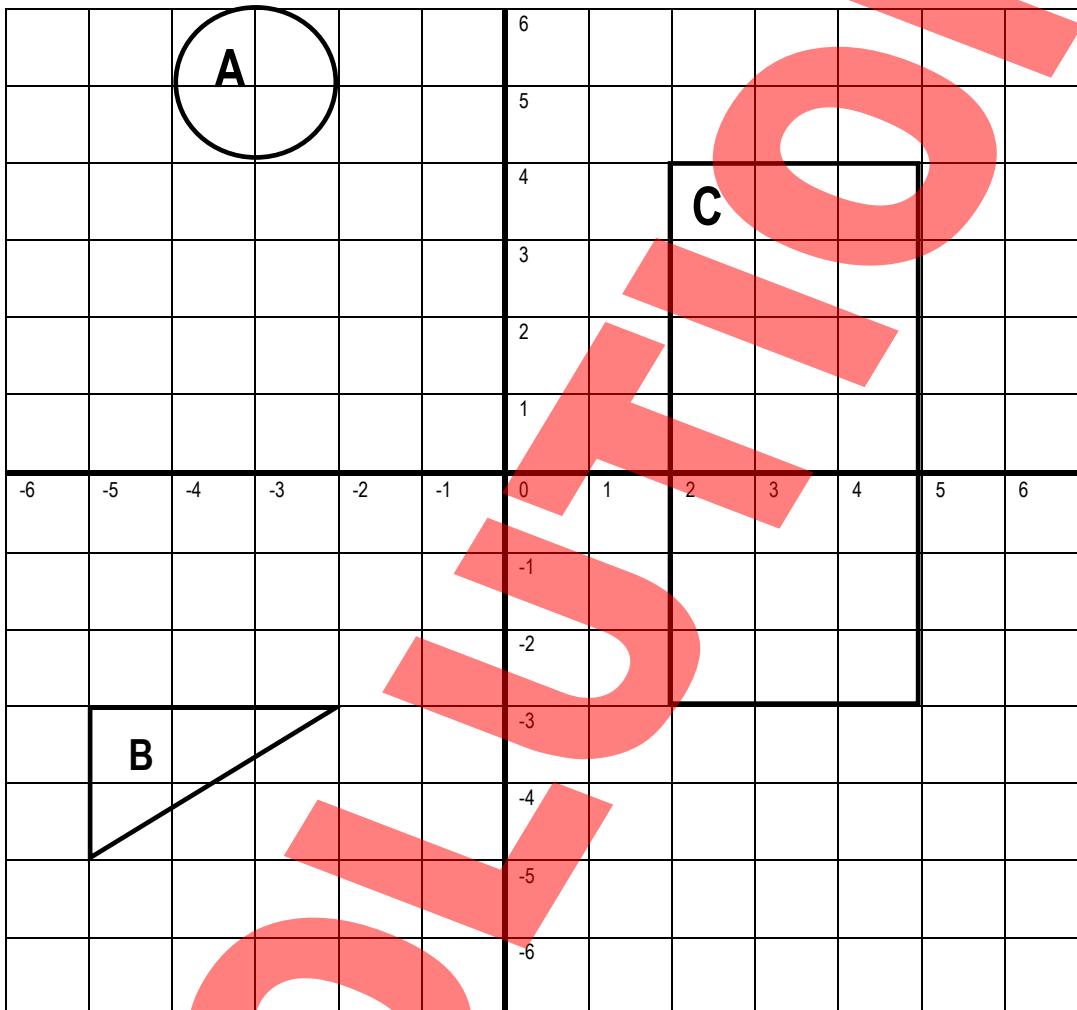
1	Use the table to fill in the missing date Types of books in my class	
2	Find the difference between the temperatures (-3° to 3°)	5°
3	Which is the capacity? Estimate a) b) c)	1 litre → b) 50 l → c) 5 l → a)
4	How many pineapples can I have? 	0 pineapples
5	$\frac{1}{3}$ of 24 students go to the cinema. How many students go there?	8

PRACTICE 4 Answer

1	There are 203 boys and 378 girls at school. How many more girls than boys are there? Estimate to the nearest hundred.	200
2	Which fraction of the shape is coloured?	$\frac{5}{8}$
3	Calculate $\frac{1}{4}$ of	50 l
4	Which is the acute angle? a) b) c)	a)
5	Which of these parts of a cake is bigger? Colour in 	



I lived at forests and lakes of western of Europe. I liked to eat insects. Help me to write down the coordinates in order to get something to eat.



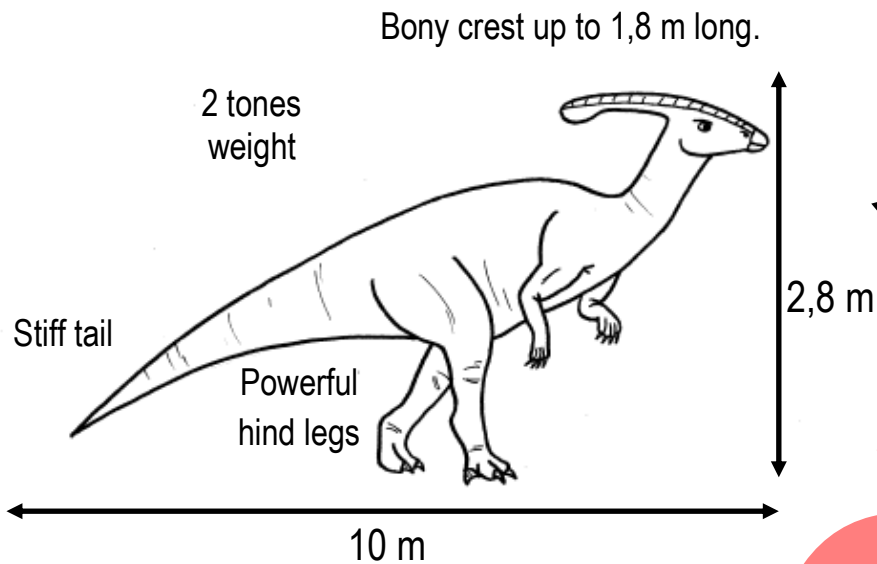
- 1) Write the **coordinates** of the centre of circle A
Write the **coordinates** of the corners of triangle B

$(-3, 5)$

$(-5, -3)$ $(-2, -3)$ $(-5, -5)$

- 2) Write the **coordinates** of the corners of rectangle C

$(4, 2)$ $(4, 5)$ $(-3, 2)$ $(-3, 5)$



I'm the parasaurolophus. I was a long-crested dinosaur. My bony crest was bigger than the rest of my skull.

Now think! How many children, like you, are needed to arrive on the top of the parasaurolophus bony crest?

Explain your answer here, you can also draw it



1,30 m

$$1,30 + 1,30 = 2,60$$

At the least two children

And now how many tiles from the floor of your classroom would be needed for a parasaurolophus?



A tile

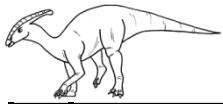
20 cm each side

Answer here (you can draw)



$$20 \text{ cm} + 20 \text{ cm} + 20 \text{ cm} + 20 \text{ cm} + 20 \text{ cm} = 1 \text{ metre}$$

50 tiles

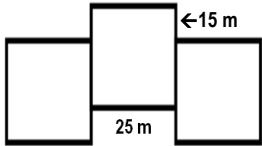
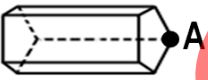


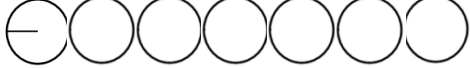
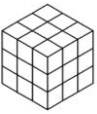
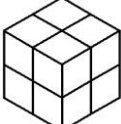
THE PARASAUROLOPHUS LINK



	PRACTICE 1	Answer
1	Write the number in figures: Two hundred and nine	209
2	Triple 4	12
3	Count the dots and write in words ●●●●●●●●●●	Ten
4	What number equals double 3?	Six
5	Which one is the longer pencil? a)  b) 	a)
6	 x 3 =	30
7	$\frac{1}{2}$ hour = minutes	30 minutes
8	How many fives are there in 20?	4
9	Take 0 from 8	8
10	Write the name of this shape 	Circle

	PRACTICE 2	Answer
1	10 twos = fives	4
2	Subtract 6 from 16	10
3	$(3 \times 5) + 7 =$	22
4	Round 77 to the nearest 10	80
5	Divide 100 by 10	10
6	Which of these numbers is an odd number? 2, 4, 5, 6, 7, 8, 10	5, 7
7	Which is the second day of the week?	Tuesday
8	How many days are there in two years?	730
9	How many weeks are there in two years?	104
10	Two times six	12

	PRACTICE 3	Answer
1	I want to know the total perimeter of the field 	310 m
2	How many edges are there in A vertex? 	3 edges
3	Calculate the total perimeter if one side is 8 cm. 	80 cm
4	How many litres altogether? 	600
5	Write the number 2.340 in words Two thousand three hundred and forty	

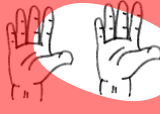
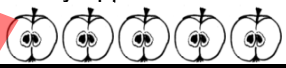
	PRACTICE 4	Answer
1	What is the total length if the radius is 5 cm? 	70 cm
2	By how many g is $\frac{1}{2}$ kg heavier than 280 g?	220 g
3	Write the number eleven thousand seven, in figures	11.007
4	 How many cubes are there?	27 cubes
5	 How many cubes?	8 cubes



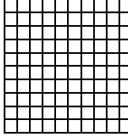
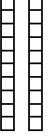
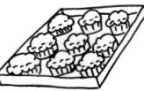
THE PARASAUROLOPHUS LINK

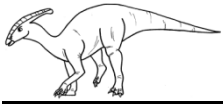


	PRACTICE 1	Answer
1	145 in words	One hundred and forty five
2	 What are six groups of six? x 6	36
3	 How many pairs of legs do two cats have?	4 pairs
4	The greatest 0,85 – 0,89	0,89
5	Zero times two hundred	0
6	 x 6 =	60
7	½ hour = minutes	30 minutes
8	Write the fifth letter in the row D E F G H	H
9	How many minutes are there in two hours?	120
10	The half of 300	150

	PRACTICE 2	Answer
1	Divide 90 by 10	9
2	Divide 190 by 100	1,9
3	100 minus 100	0
4	 10 gloves, how many pairs?	5
5	Eight sets of five 	40
6	 How many fingers are there in two hands?	10
7	 How much for six muffins? €0,30	1,8
8	Double 1.500	3.000
9	How many apples? 	2
10	45 – 40 x 2 =	35

	PRACTICE 3	Answer
1	A is four times heavier than B. How heavy is B?  6 tones 	1.500 kg
2	Which one is the thickest? a)  b)  c) 	c)
3	The smallest a)  b)  c) 	c)
4	How many quarters are there in three pineapples? 	12 quarters
5	 I buy 10 sacks and I pay with a 100 euros note and a 50 euros note, how much change will I get? €15	No change

	PRACTICE 4	Answer
1	How much is it?  100  50  20  10	180
2	How heavy?  750 g +  250 g +  500 g	1 kg ½
3	Write the number   	122
4	How much change does he get if Roger has €200?  €2  €170	28 €
5	 How many muffins are there in twelve plates?	108

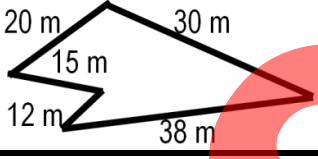
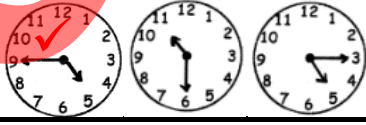


THE PARASAUROLOPHUS LINK

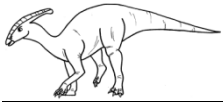


	PRACTICE 1	Answer
1	11 in words	Eleven
2	Which is the odd number? 145 200 388	145
3	Half 300 – 150 –	75
4	Take 20 from 85	65
5	Triple of 12 is	36
6	Twelve pairs of socks	24 socks
7	Ten six are	60
8	When 600 is divided by 3, What number is the solution?	200
9	Nine times eight	72
10	Add 150 and 100	250

	PRACTICE 2	Answer
1	How many days are there in a year?	365
2	Twice 250	500
3	Write the forth month	April
4	How many of these  makes 27?	9
5	What is 1/3 of 18?	6
6	30 shared between 6 people	5
7	 x = 63	9
8	1,5 + = 2	0,5
9	100 x 100 =	10.000
10	0 x 10 =	0

	PRACTICE 3	Answer
1	Types of vehicles in my town. Coloured the circle 40% cars (pink) 30% motobikes (red) 10% bikes (black) 20% trucks (blue)	
2	 Which is the perimeter of this playground?	115 m
3	There are eleven T-Rex in the forest. Two T-Rex walk away. How many T-Rex are left? 	9 T. Rex
4	Tick the clock that shows a quarter to. 	
5	Which ones are 3D shapes? a)  b)  c)  d) 	a), b) i c)

	PRACTICE 4	Answer
1	Distribute 150 bees equally between the boxes 	50
2	How many is one half of the ants? 	8
3	How many apple halves can you get from these 2 baskets? 	28 halves
4	My friend and I ate 17 muffins. How many muffins are left? 	1 muffin
5	Which one is the largest? a)  b)  c) 	c)



THE PARASAUROLOPHUS LINK



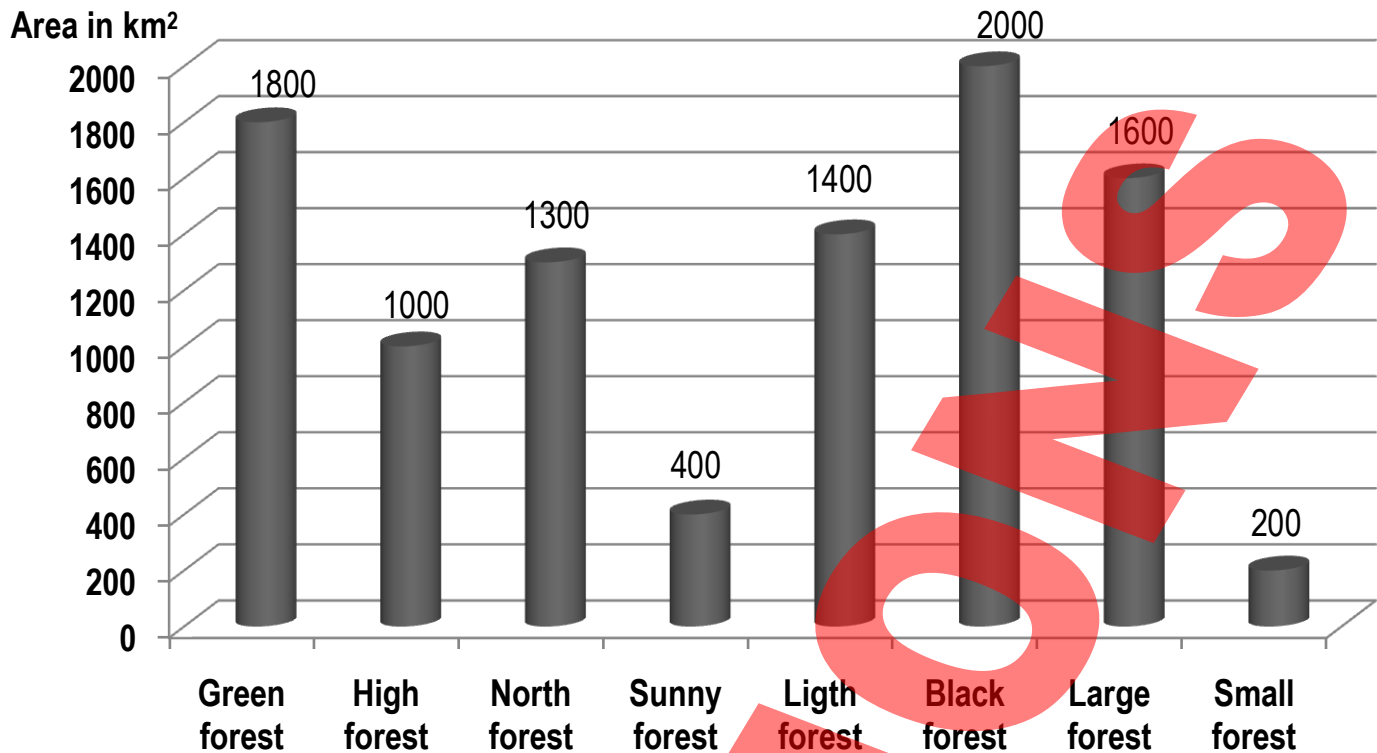
	PRACTICE 1	Answer
1	How much is one tenth of 50?	5
2	The total weight is a 36 g. How heavy is each?	9
3	x = 72	9
4	Find $\frac{1}{4}$ of	5
5	Divide 50 by 5	10
6	How many threes are there in 12?	4
7	$\frac{1}{10}$ of 70?	7
8	What is the remainder when 17 is divided by 2?	1
9	$12 : \dots = 3$	4
10	50 plus 50 plus 50	150

	PRACTICE 2	Answer
1	What are four times four?	16
2	Use two numbers to make 75 10 28 27 32	None
3	Five minus is two	3
4	The sum of 75 and 45 is	120
5	The greatest 0,96 0,90 0,89	0,96
6	1.300 One thousand three hundred	
7	Which one can be divided by 2, 3 and 5? 120 230	120
8	Colour $\frac{2}{4}$ of	
9	Complete 21, 24, 27 , 30, 33 , 36	
10	How many quarters are there in....? 	16

	PRACTICE 3	Answer
1	Roger 's father is a taxi driver. He drove 62.180 km the year before last year and 51.180 km last year. What was the approximate difference in the distances he drove the last two years? Estimate to the nearest thousand	11.000 km
2	I alternated with some black and white stones. I started with black. Is the fifth stone from the left black or white?	White
3	x 8 =	80
4	Count the edges 	12 edges
5	Six pairs of birds 	12 birds

	PRACTICE 4	Answer
1	The room is 10 m ² . I want to put a sofa (1 m ²), a bed (1,80 m ²), and a robe (1,2 m ²) in these. Is it possible to put another bed (1,80 m ²)? You can draw it	Yes
2	Which one is the pentagonal pyramid? a) b) c)	b)
3	Write the name of this 3D shape	Cylinder
4	Is it true or false? a) 9,8 > 9,08 b) 3,03 < 3,06	a) True b) False
5	Each tile is 20 cm ² . How many tiles do I need to cover the floor of my room My room is 10 m ²	50 tiles

The graph shows the forests where the parasaurolophus lived.



1) Which is the largest forest?

Black forest

2) The smallest forest. How many times is it smaller than the Green forest?

Circle the correct answer

No one or It's 9 times or approximately

a) 5 times

☒ b) 10 times

3) How many km² are there in the total area of all eight forests?

Circle the correct answer

☒ a) 9.700 km²

b) 3.200 km²

4) Which forest is approximately 10% of the total area of forest?

High forest



I was herbivore, I ate pine needles, leaves and twigs. I walked and ran on two legs, and I was relatively fast dinosaur. I lived in North American forest and land and I also liked to be in the water.

The Earth's appearance during the Jurassic and Cretaceous was quite different from its appearance today.

The surface of the Earth, when the Triassic Period began, 245 million years ago, there was one continent on Earth, a super-continent called Pangaea.

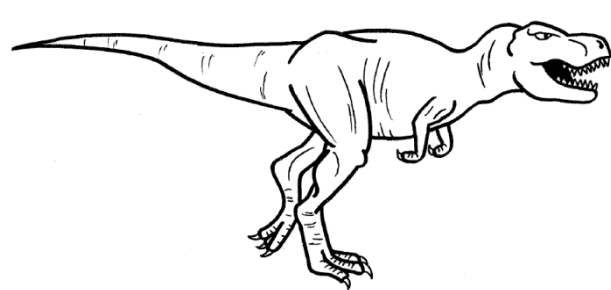


And during the Jurassic and Cretaceous periods, Pangaea separated and the modern continents began to appear.

In the Jurassic Era, the Era of dinosaurs, the climate was dry and hot, rainfall increased and the oceans rose. Lush vegetation covered much of Earth's surface, the forest flourished with giant trees like

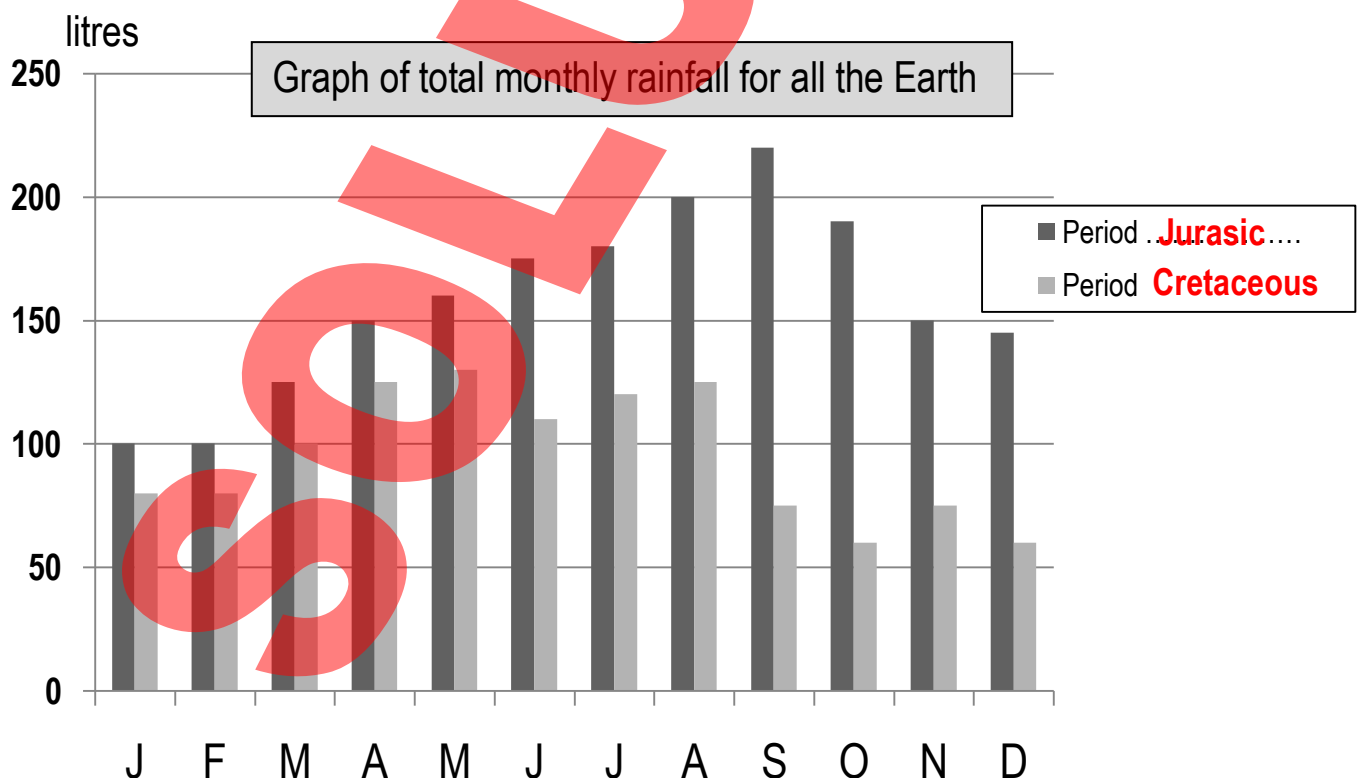
gingko, conifers and leaves perched high a top thin trunks.

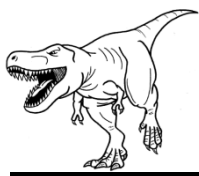
During the Cretaceous the giant forests of the Jurassic began to disappear and different vegetation began to develop. The rain disappeared.



I lived in the forest of North America and Mongolia, where my prey (plant-eating dinosaurs) could find plenty of food.

Look at this graph and decide which period belongs to Jurassic and which period to Cretaceous.





THE TIRANOSAURUS REX LINK

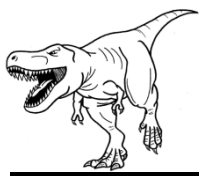


	PRACTICE 1	Answer
1	42 sweets shared between 6 people is	7
2	7 divided by 7 is	1
3	Half of 7 is	3,5
4	Half of 14 is	7
5	Half of 5 is	2,5
6	Double 2,5 is	5
7	2 hours	120 minutes
8	5 minutes	300 seconds
9	Half of 350	175
10	$70 : 10 =$	7

	PRACTICE 2	Answer
1	Increase 150 by 30	180
2	How many metres are 1,5 km?	1.500 m
3	Write the number ninety nine in figures	99
4	Add 150 to 300	450
5	The last days of the week	Sunday
6	How many km are 3.500 m?	3,5 km
7	Double 4.000 km	8.000 km
8	Zero divided by any number is	0
9	$15 : \dots = 3$	5
10	Fifteen is, how many fives?	3

	PRACTICE 3	Answer												
1	Calculate the percentatges. Total of people 20 <table border="1"> <thead> <tr> <th>Fruit</th><th>N° people</th><th>%</th></tr> </thead> <tbody> <tr> <td>banana</td><td>10</td><td>50</td></tr> <tr> <td>cherries</td><td>8</td><td>40</td></tr> <tr> <td>apples</td><td>2</td><td>10</td></tr> </tbody> </table>	Fruit	N° people	%	banana	10	50	cherries	8	40	apples	2	10	
Fruit	N° people	%												
banana	10	50												
cherries	8	40												
apples	2	10												
2	Calculate A degrees	85°												
3	What is in front of the car? ☒ The lorry ☐ The bike													
4	Is the temperature bellow or above zero?	Bellow												
5	A bar of chocolate has 12 chunks. Ann eats $\frac{1}{3}$ and Roger $\frac{1}{2}$ of the rest. How many chunks do they eat?	10												

	PRACTICE 4	Answer
1	The angles in this diagram are equal. What is the size of one?	120°
2	An egg of T-Rex is 22 cm long. How many eggs are needed to have 110 cm of length?	5 eggs
3	The perimeter of this square is 24 cm. What is the area?	36 cm²
4	How many cartons do you need to get 10 litres?	40
5	Draw a circle around each even number and sum them. 2 13 8 22 12	44



THE TIRANOSAURUS REX LINK

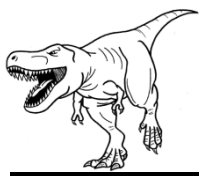


PRACTICE 1		Answer								
1	70 in words	Seventy								
2	70 : 10 =	7								
3	The odd number 40 21 64	21								
4	Half 20, 10,	5								
5	Half of 42	21								
6	Double 16	32								
7	21 : = 7	3								
8	Complete 8,, 24, 32, 40	16								
9	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> Two rows of 6 squares are									12 squares
10	How many toes are there in six feet?	30								

	PRACTICE 2	Answer
1	I go to bed at 8 o'clock	
2	How many twos are there in 100?	50
3	Fifty minus five	45
4	One hundred and eleven makes	111
5	How many ants?	8
6	Nine times seven is	63
7	Buy four rubbers €0,60	2,4 €
8	$\frac{1}{2}$ kg = 750 g It's true or false?	False
9	How many bottles of 2 litres can be filled with 68 litres of wine?	34
10	$0,5 + 0,5 + 0,5 =$	1,5

	PRACTICE 3	Answer
1	A car travels 40 km in 15 mins. Find its speed in km/h	160 km/h
2	Angle B is $\frac{1}{3}$ the size of angle C. what is the size of angle A?	120°
3	Find the squared number $3^2 =$ 9 $9^2 =$ 81	
4	How much change? €27	73 €
5	The half of the wheels of this train? 	10 wheels

	PRACTICE 4	Answer
1	Share 48 sweets equally between the dishes 	12
2	Which one has more edges than A? a) b)	b)
3	Complete with ($>$ $<$ $=$) 3^3 $<$ 2^4	
4	Calculate the total area in metres	1.600 m ²
5	The area of a semicircle is 36 cm ² . What is the area of one triangle?	9 cm ²



THE TIRANOSAURUS REX LINK

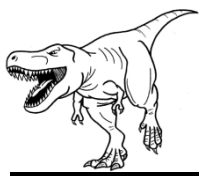


	PRACTICE 1	Answer
1	29 in words	Twenty nine
2	How many times are 75 km longer than 10 km?	7,5
3	234 in words	Two hundred and thristy four
4	Colour 2/3	
5	Draw the acute angle	
6	Estimate 100°	a) b) c) a)
7	Ten hours	600 minutes
8	The shortest a) b) c) b)	
9	How many days are there in a month?	30
10	How many coins? 	7 coins

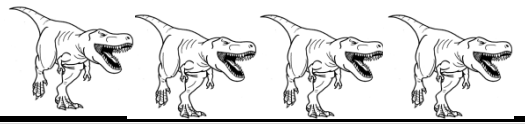
	PRACTICE 2	Answer
1	How many pencils are there in six groups of five?	30
2	One quarter of 20	5
3	10 twos =	20
4	Six times ten	60
5	4 sets of ten are 	40
6	1/3 of 24 is	8
7	25 plus 25 plus 25	75
8	10 times 10 is	100
9	Double 110	220
10	The half of 150	75

	PRACTICE 3	Answer
1	A bus runs every 15 minuts. The first bus leaves at 8:30 h. A what time does the fourth bus leave?	9:15 h
2	The total distance from A to C is 64 km. How far is it from B to C? A B C	32 km
3	Which of these shapes is a triangle? a) b) c) d) c)	
4	Which of these angles is an acute angle? a) b) c) b)	
5	A B A + B =	240°

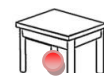
	PRACTICE 4	Answer
1	Find the difference between 	80 g
2	SCORE CARD Roger 8 Helen 7 Charlotte Paul 6 The total score is 29. What is Charlotte's score?	8
3	A Carton B holds the half of carton A B is 1/2	
4	This clock is 10 minutes to fast What is the correct time?	
5	Which one is missing in the four points of the compass? West East South	

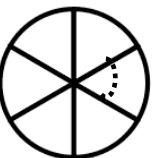
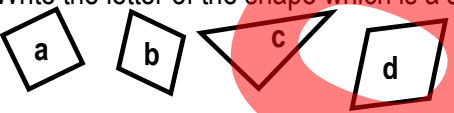
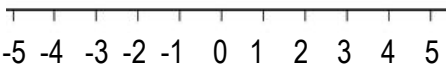


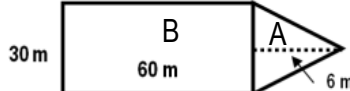
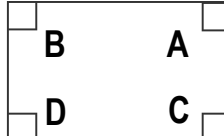
THE TIRANOSAURUS REX LINK

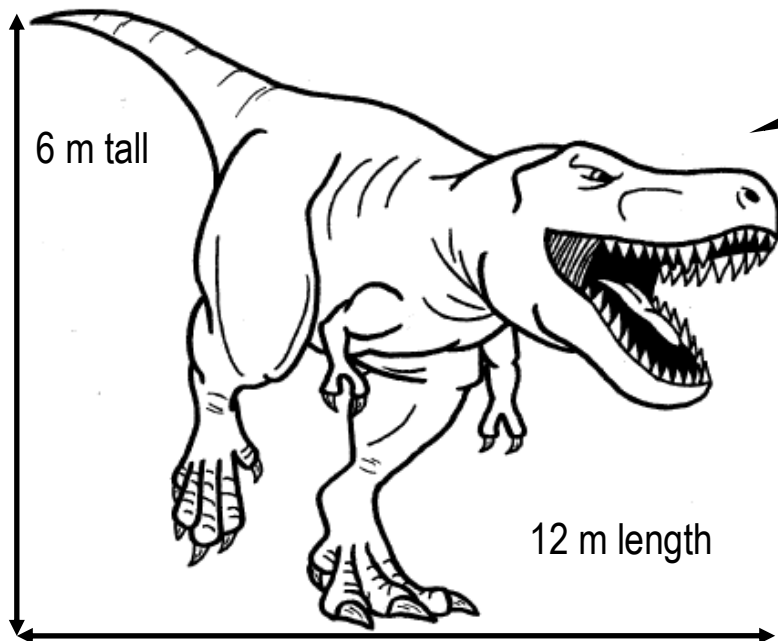


	PRACTICE 1	Answer
1	89 in words	Eighty nine
2	Choose a pair to make a total of 75 50 35 25	50 and 25
3	Take 99 from 600	501
4	$150 + 99 =$	249
5	Which month comes after May?	June
6	$\frac{1}{7}$ of 63 is	9
7	$> <$ 0,12 0,21	$<$
8	120 minutes are..... hours	2 hours
9	66 plus 99	165
10	One quarter of 36	9

	PRACTICE 2	Answer
1	How many vertices do three cubs have?	24
2	Find the total of 5, 10, 30 and 20	65
3	Estimate $43 + 68 =$ 110 130 90	110
4	Forty minus ten	30
5	Ten pairs of gloves are.....	20 gloves
6	Put an arrow at 1,75	
7	200 plus 99 plus 99	398
8	Which number is the half of 25?	12,5
9	Which shape has 3 sides?	
10	Draw a ball under the table	

	PRACTICE 3	Answer
1	 How many degrees are there in the marked angle?	45°
2	Write the letter of the shape which is a square 	a
3	Write in numbers four thousand three hundred and fifty	4.350
4	One hour and three-quarters. How many minutes?	105
5	What is the difference of degrees between -4° and -1°? 	3°

	PRACTICE 4	Answer
1	Find the area of A and B  A = 90 m ² B = 1.800 m ² A+B = 1.890 m ²	
2	To find half of something we..... a) add five b) divide it by 2 c) multiply by 3	b)
3	What is my speed if I travel $\frac{1}{2}$ km in 2 minutes?	15 km/h
4	Approximate 459.860 to the nearest thousand	460.000
5	 Find the degrees from A, B, C and D altogether	360°



I 'm the tyrannosaurus rex
(T-rex)

Do you want to know more about me? I was a fierce predator that walked on two powerful legs. I was a huge meat-eating dinosaur, I was certainly one of the largest terrestrial carnivores of all time, but recently discovered Giganotosaurus carolinii and Carcharodontosaurus that may have been even more enormous.

I had a huge head with large, pointed, replaceable teeth. My jaws were up to 1,2 m long. I had 60 conical teeth, as teeth were broken a new smaller ones grew in to replace them.

I had, like all predators, depth perception. My brain had large visual lobes to process visual information and it also had a large area for processing odors. I used the tail as counterbalance for my enormous head and for making quick turns. I had tiny arms, each with two fingers. Each one of my feet had three large toes equipped with claws and a little claw on a tiny fourth toe. My body was solidly built but its bones were hollow. I could run at up to 24 km/h and I could eat up to 230 kg of meat and bones in one bite!! My skin was bumpy, like an alligator's skin. And my footprints are about 1 m long. I walked like other dinosaurs, on my toes.

After you have read all my information, try to rate the sentences with true or false.

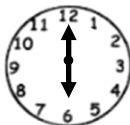
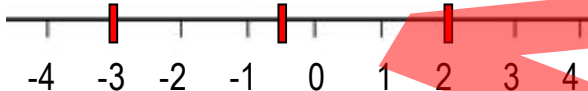
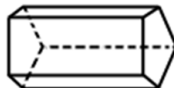
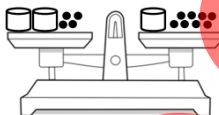
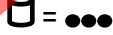
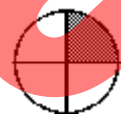
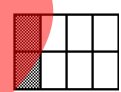
I was a herbivorous dinosaur	False
I was the largest terrestrial carnivore of all time	False
T-Rex had a huge head	True
Its jaws were up to 1,2 m length	True
It had only 20 teeth	False
Its teeth were replaceable	True
T- Rex had depth perception	True
Its brain is very small	False
The arms had two fingers and each foot had three large toes	True
Its footprints are about 1 m long	True
T-Rex was a fierce predator	True
T-Rex had powerful legs	True

Now look at this footprints and try to discover how many metres length this dinosaur walked if each step is 3,5 metres long.

T-Rex has walked **52,5** m



EVALUATION LINK 1

1	 Helen started her homework at six o'clock and she finished it a half past eight. How many minutes did she spend doing her homework?	150 m								
2	How much change will I get?   €49	51 €								
3	Fill in the gaps (-0,5) (-3) (2) 									
4	 How big is the total area? One triangle is 4 cm² 	20 cm ²								
5	<table border="1" data-bbox="181 743 458 904"><tr><td>T-Rex</td><td>?</td></tr><tr><td>Stegosaurus</td><td>69</td></tr><tr><td>Brachiosaurus</td><td>103</td></tr><tr><td>Velociraptor</td><td>47</td></tr></table> The total dinosaurs is 295. How many T-Rex are there?	T-Rex	?	Stegosaurus	69	Brachiosaurus	103	Velociraptor	47	76
T-Rex	?									
Stegosaurus	69									
Brachiosaurus	103									
Velociraptor	47									
6	 How many edges are there?	15								
7	How much heavier is T-Rex A than T-Rex B? A  6 tones B  4.500 kg	1.500 kg								
8	How many twos are there in 50?	25								
9	Add 250 to 600	850								
10	 How many pairs of shoes are there in 840 shoes?	420								
11	 a)  = b)  = c)  =	a)								
12	Which one is correct? $\frac{2}{3}$ a)  b)  c) 	c)								

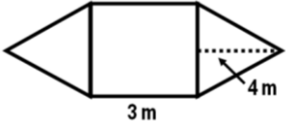
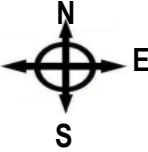
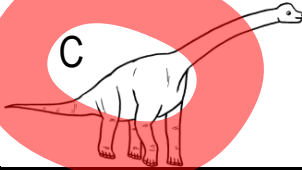
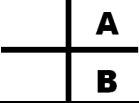
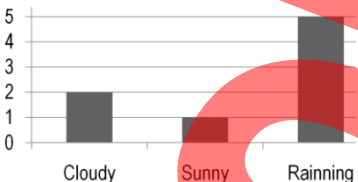
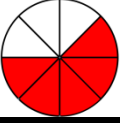
Paint the correct answers

1	2	3	4	5	6	7	8	9	10	11	12
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Answer:

I have correct answers

EVALUATION LINK 2

1	 The total area	21 m ²
2	 Which point is missing? a) was b) west c) western	b)
3	 Give the approximate answer a) 15 kg b) 3.500 kg c) 3 kg	b)
4	Which one is smaller than A? A  B  C 	B
5	Double 350	700
6	Which is the thickest? a)  b)  c) 	a)
7	 Calculate the A and B degrees	A + B = 180°
8	Share 40 lollies between 5 people and each person gets....	8 lollies
9	It's half past three	
10	 Tick the correct	Sunny 3/5 ☐ Raining 1/5 ☐ Cloudy 2/5 ☒
11	Colour 5/8	
12	How many watermelons can I have?  	No one none

Paint the correct answers

1	2	3	4	5	6	7	8	9	10	11	12
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Answer:

I have correct answers