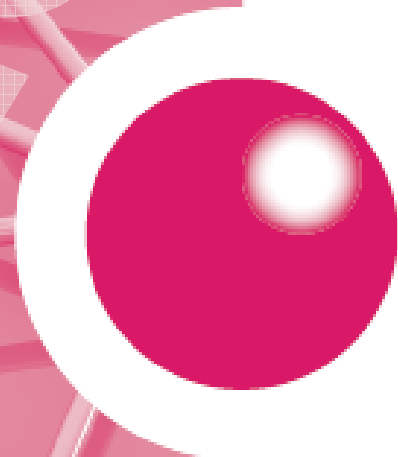


El link de les matemàtiques



1 - Animals de Granja

L'Agil Link és una proposta en el camp de la competència matemàtica que pretén ajudar a desenvolupar l'agilitat mental amb estratègies matemàtiques. En diem Link quan aconseguim fer connexions.

Les activitats són curtes i molt variades on les mateixes preguntes estan fetes de diferents maneres per tal de potenciar l'atenció i l'observació. Això permet aconseguir avenços en l'agilitat a l'hora de resoldre problemes tot incrementant l'autoestima i, conseqüentment, trobant el gust per la feina.

Els quaderns

Estan pensats per fer-ne dos per curs de manera que hi ha un Link per setmana. El mestre pot triar el quadern que li sembli més adequat per a cada nivell d'alumne o alumnes (és per això que els quaderns no tenen cursos). Es poden començar a partir de P5.

Són activitats per a CONSOLIDAR l'aprenentatge significatiu després d'haver treballat a classe el temari.

Cada grup de quaderns està liderat per un tema proper als alumnes, els animals. Els quatre primers quaderns estan presentats per animals de granja, després dos de mamífers, els dos següents per peixos, dos d'insectes, dos de rèptils i finalment dos d'aus.

Ens ha semblat que presentar un quadern que treballa les matemàtiques i aprofitar per a fer una introducció de les característiques dels grups d'animals que s'aniran trobant al llarg del Link, és una manera de fer més atractiu el quadern, de proporcionar coneixements, de fer interessants els temes i de motivar.

Com treballar els quaderns

Com que són exercicis de consolidació estan pensats perquè l'alumne els faci sense ajuda. Serà després amb la correcció, individual o col·lectiva, on s'adonarà de les errades i així serà capaç de rectificar-les en el proper Link.

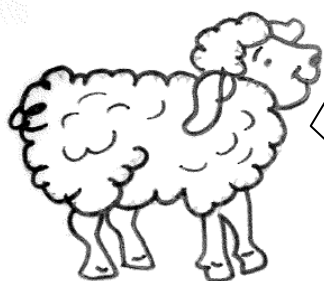
Avaluació

Al final del quadern hi ha tres Links d'avaluació pensats per a què l'alumne prengui consciència del seu propi progrés.

El quadern "ANIMALS DE GRANJA 1" està representat per un ànec, una ovella i un gall.



Els ànecs som animals de granja. Mengem deixalles però ens agrada molt el verd, com l'enciam o la col.



A mi el que més m'agrada és pasturar per poder menjar herba fresca.
Saps què? Amb la meua llana en fan matalassos, jerseis, abrics....



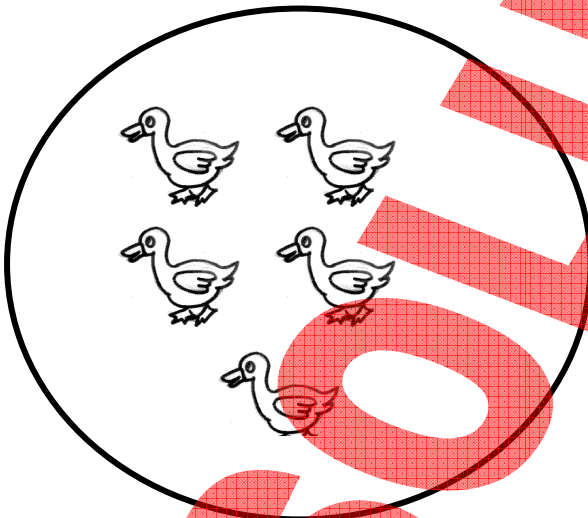
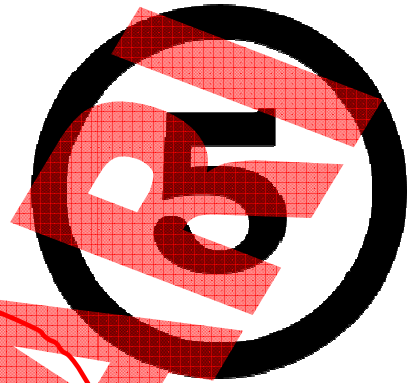
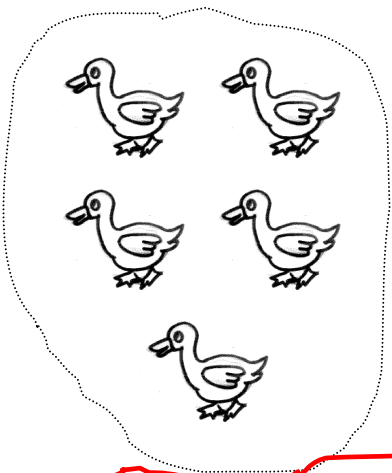
Jo canto quan surt el sol. Visc en un galliner amb moltes gallines que ponen ous.

En els quaderns animals de granja 1 i 2 treballem:

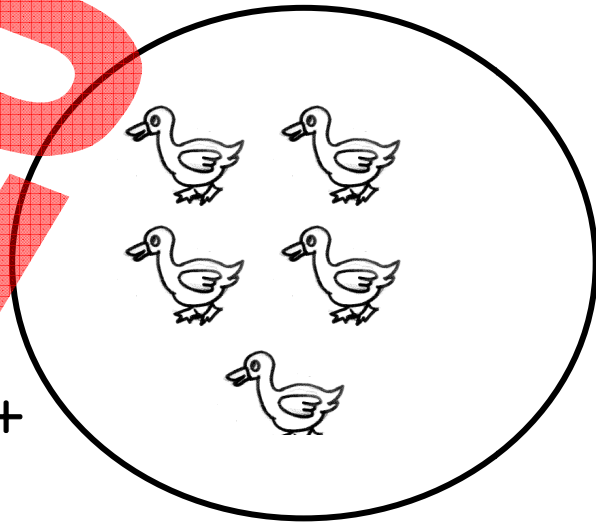
- Numeració:
 - Ordenar: davant/darrera/entremig.
 - Gran/petit
 - Comptar de 2 en 2
 - Unitat - desena
 - Escriure xifres i reconèixer quantitats
 - Reconèixer nombres fins la desena
- Càlcul
 - Iniciació a la suma
 - Iniciació a la resta
- Geometria:
 - Reconèixer figures planes: quadrat, rectangle i triangle.
 - Costats/vèrtexs.
- Relacions d'espai:
 - Simetries
 - Dins/fora, sota/sobre, obert/tancat....
- Estimació i mesura:
 - Concepte de: llarg/curt, lleuger/pesat i gruixut/prim.
 - Comparacions: més gran....., més petit....., igual.....
 - Davant, darrera, entremig
- Monedes:
 - Comptar monedes d'euro

Fem servir paraules guia diferents quan volem que sumin o que restin perquè la intenció d'aquests quaderns és que instintivament associïn:

- LA SUMA A: afegir, sumar, més, ajuntar, tot junt, reunir, fer més gran que...
- LA RESTA A: treure, els que falten, els que queden, els que hi ha de més, agafar, menys que, la diferència, disminuir....



+



= 10

5

+

5

= 10



LINK DE L'ÀNEC



PRÀCTICA 1

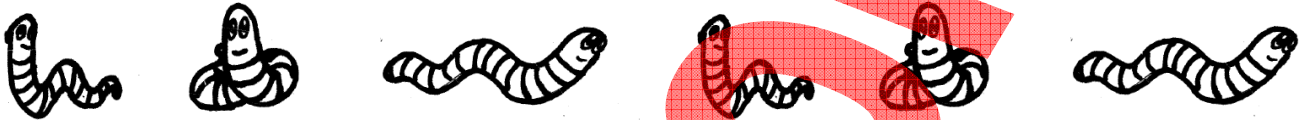
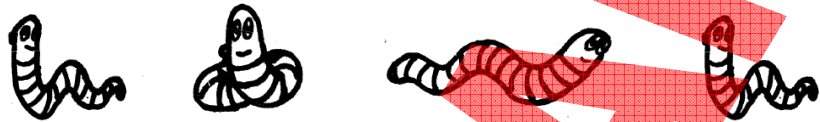
Resposta

1		3
2		4 ànecs
3		13 ous
4	2, 3, 4, 5, 6,	7
5	5,, 7	6

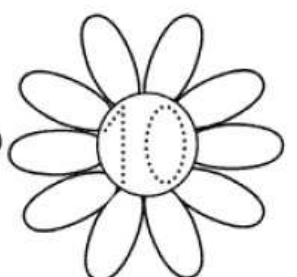
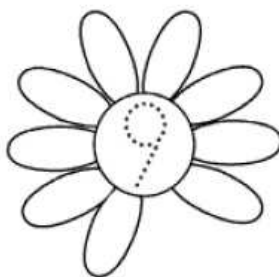
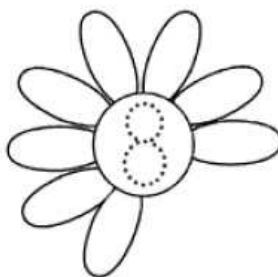
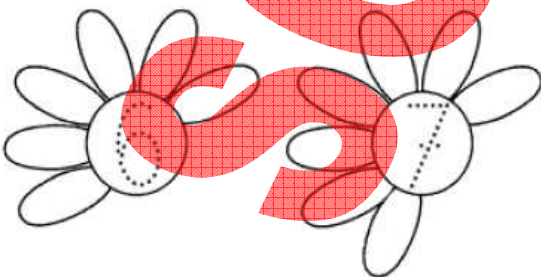
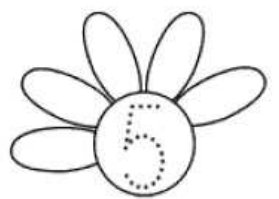
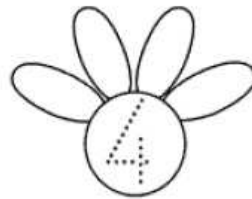
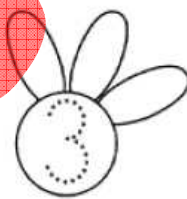
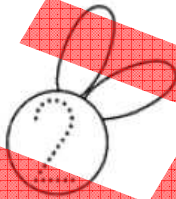
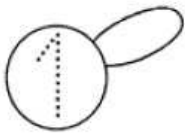
PRÀCTICA 2

Resposta

1		8
2		9
3		5
4	/ 8	7
5		b)



22 cucu

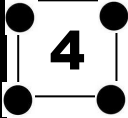
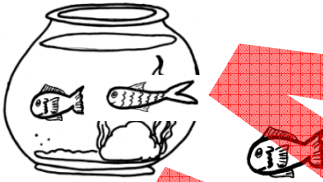
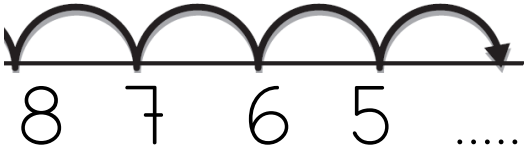




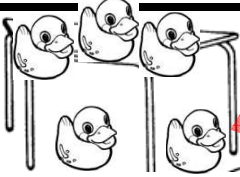
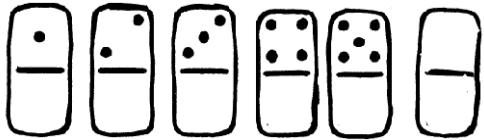
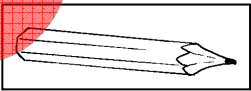
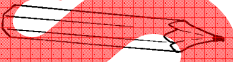
LINK DE L'ÀNEC



PRÀCTICA 1

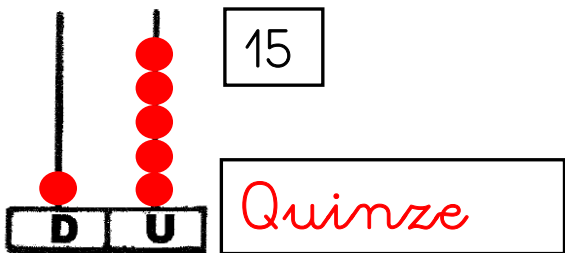
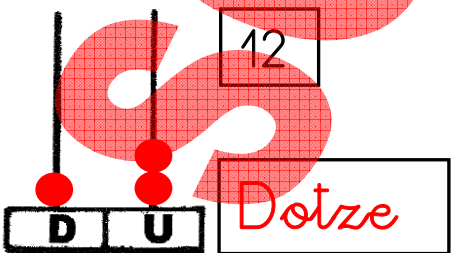
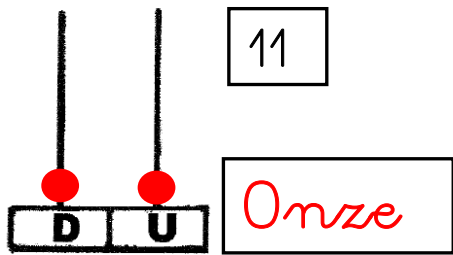
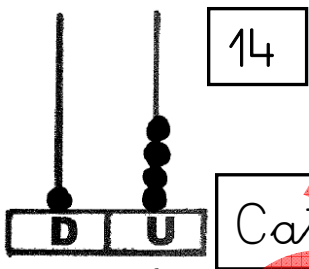
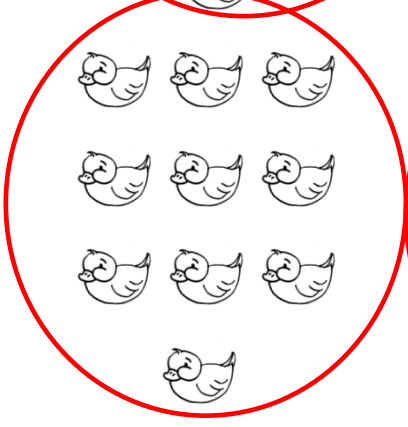
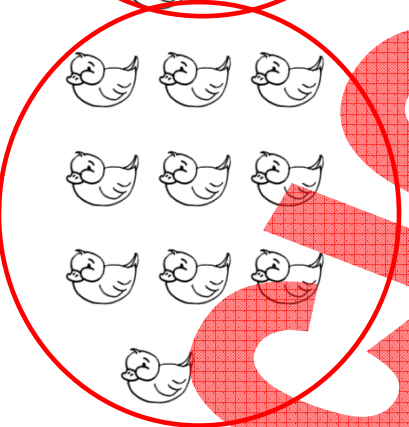
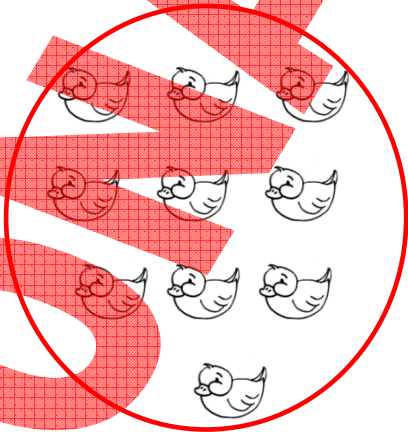
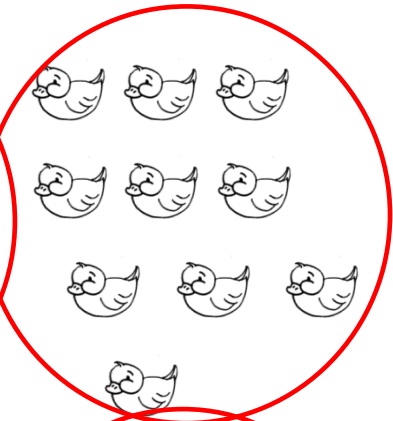
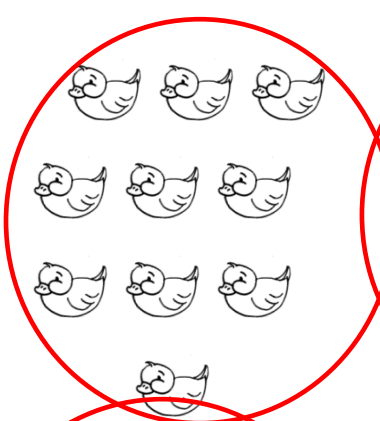
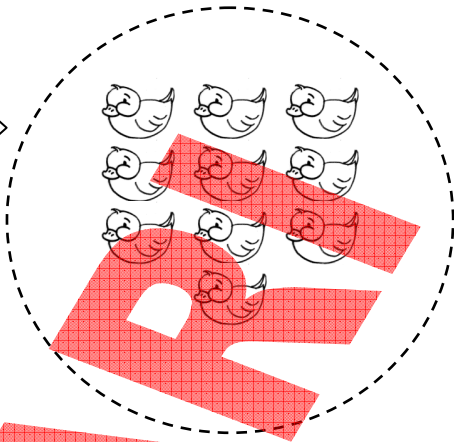
		Resposta
1	 Quants vèrtexs?	8 vèrtexs
2		12 ànecs
3	Quants a dins? 	2
4		4
5	$① + ① + ① + ① + ①$	5

PRÀCTICA 2

		Resposta
1	 =	5
2	 Quants a sota?	2
3	Segueix la sèrie 	
4	Igual   a)  b)  c)	a)
5	$② + ② + ② =$	6

Fes grups de 10

10

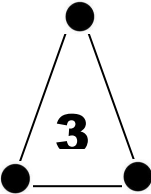
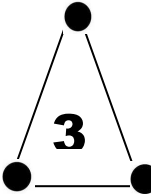




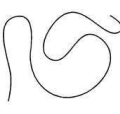
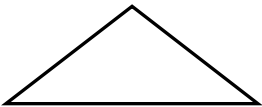
LINK DE L'ÀNEC



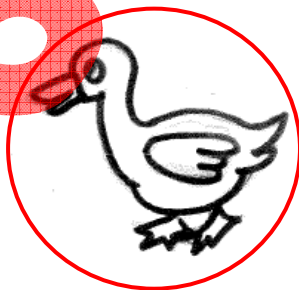
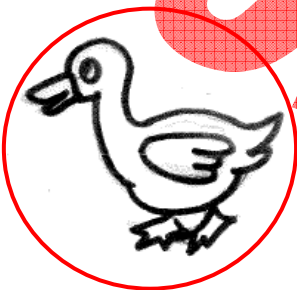
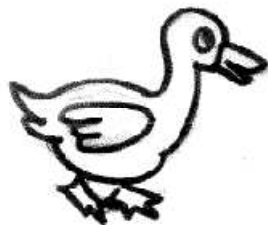
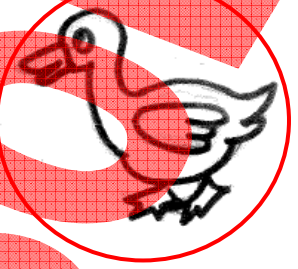
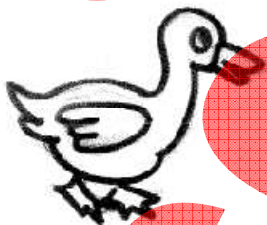
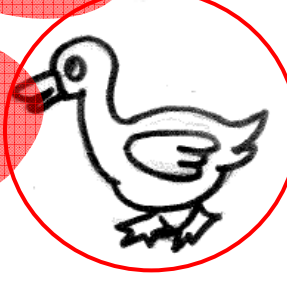
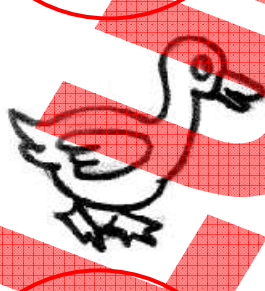
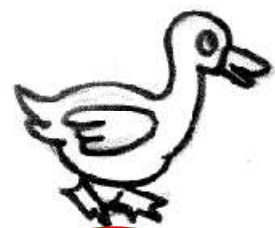
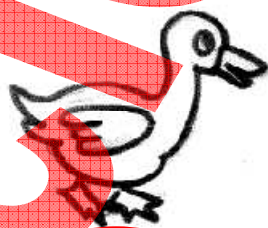
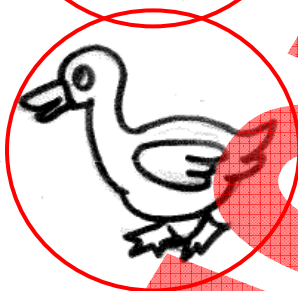
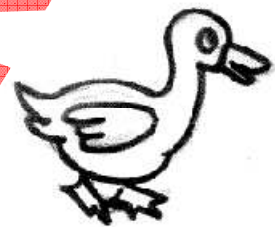
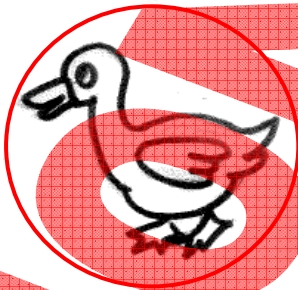
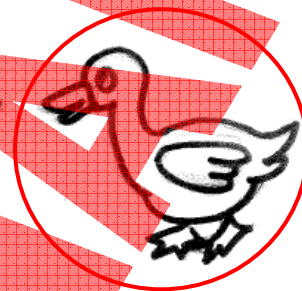
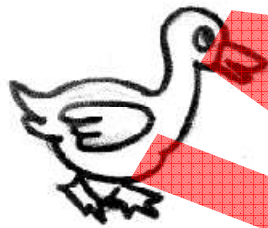
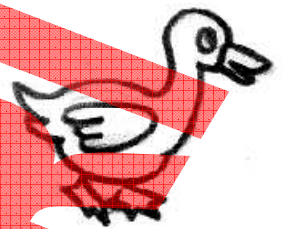
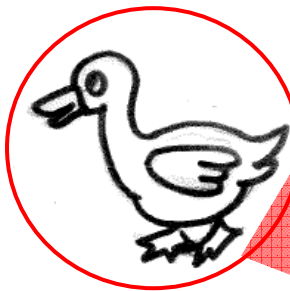
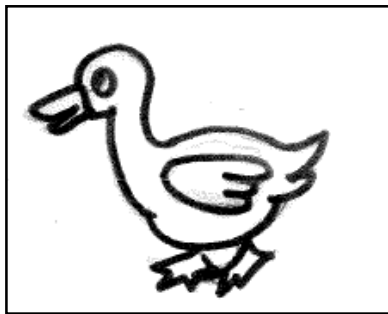
PRÀCTICA 1

		Resposta
1	③ ④ ⑤ ○ ⑦ ⑧	6
2	 +  = 3 + 3 =	6 ànecs
3	8,, 10	9
4	 +  =	6 vèrtexs
5	 i 	10 i 9

PRÀCTICA 2

		Resposta
1	 / 7  / 8	8
2	⑨ ⑧ ⑦ ○ ⑤ ④ ○ ② ①	6 i 3
3	Quants a dins? 	4
4	Oberta  a)  b)	b)
5	Quants costats? 	3 costats

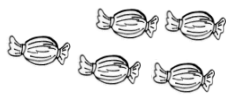
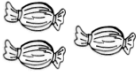
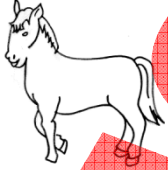
Encercla els que són iguals que el model

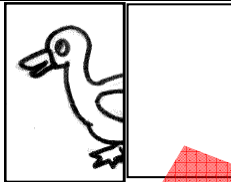
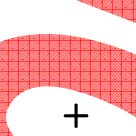
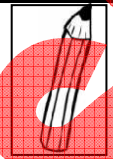




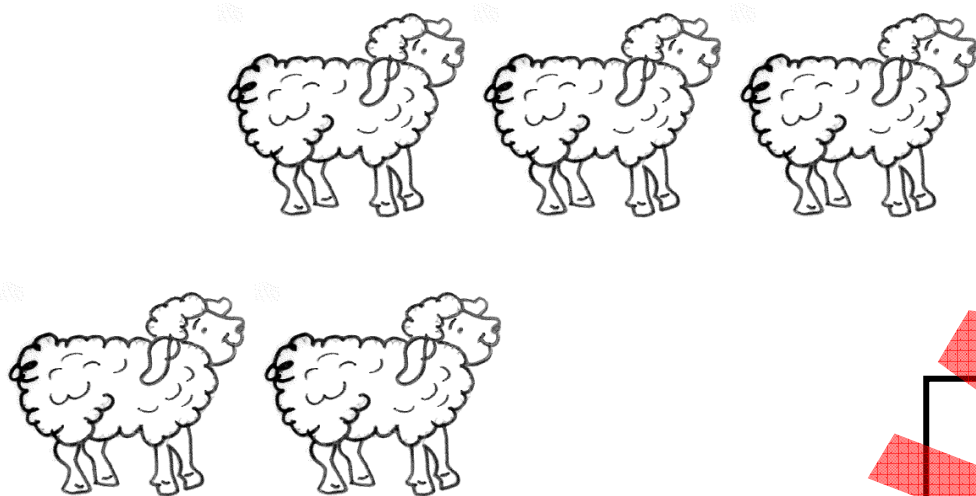
LINK DE L'ÀNEC



	PRÀCTICA 1	Resposta
1	Quim està buit?  a)  b) 	b)
2	 +  =	5 peixos
3	11, 12, 13,,, 16, 17, 18	14 i 15
4	 +  =	8 caramels
5	Pesa més  a)  b) 	a)

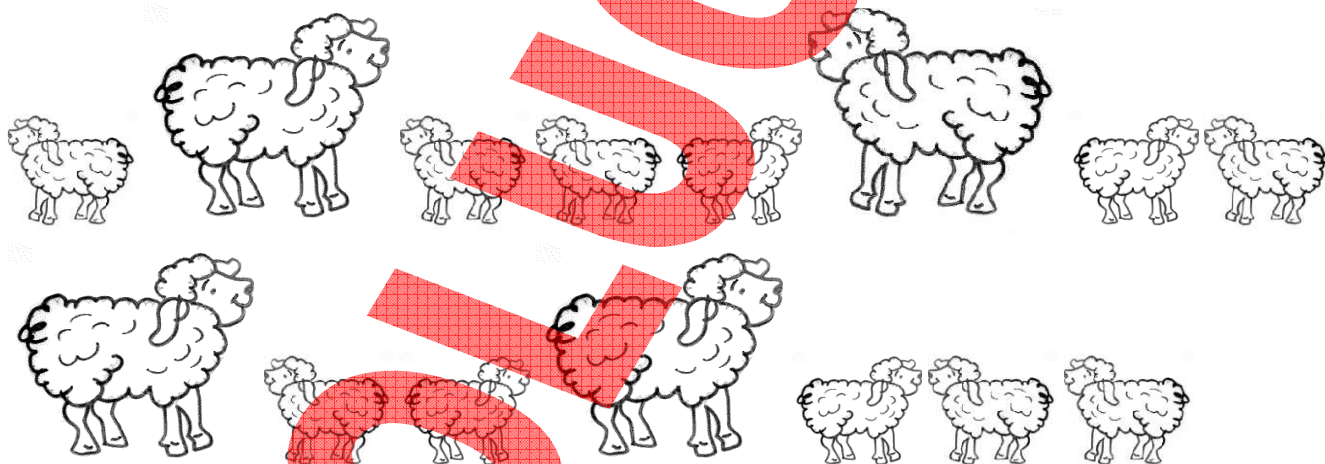
	PRÀCTICA 2	Resposta
1		7 ànecs
2	  a)  b)  c) 	a)
3	 +  =	4
4	 a)  b)  c) 	c)
5	 1€ +  1€ +  2€ =	4€

Compta les potes

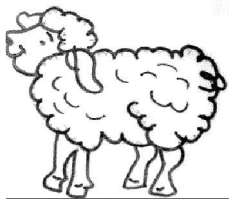


20 potes

Compta els petits



11 petits

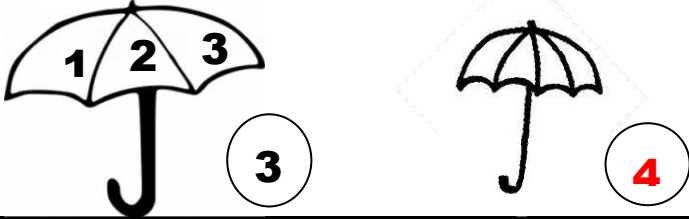
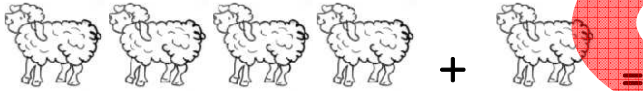


LINK DEL XAI



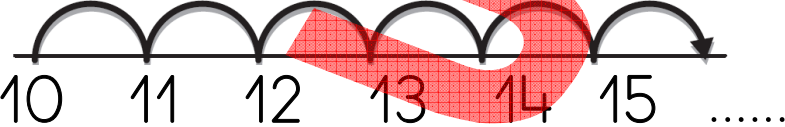
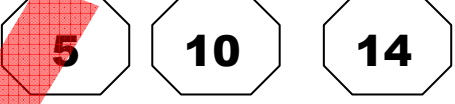
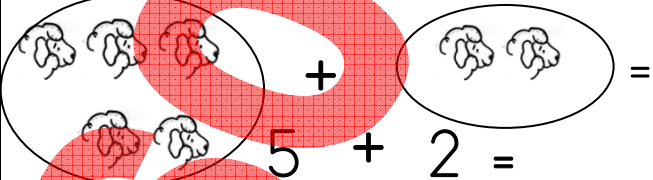
PRÀCTICA 1

Resposta

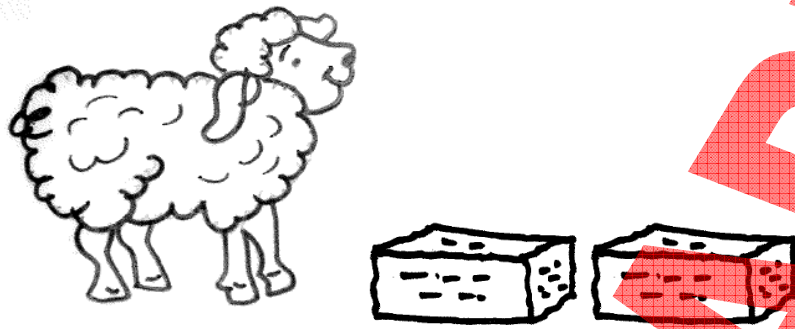
1		b)
2		4
3	10, 11, 12, 13,, 15	14
4		5 xais
5		10 i 9

PRÀCTICA 2

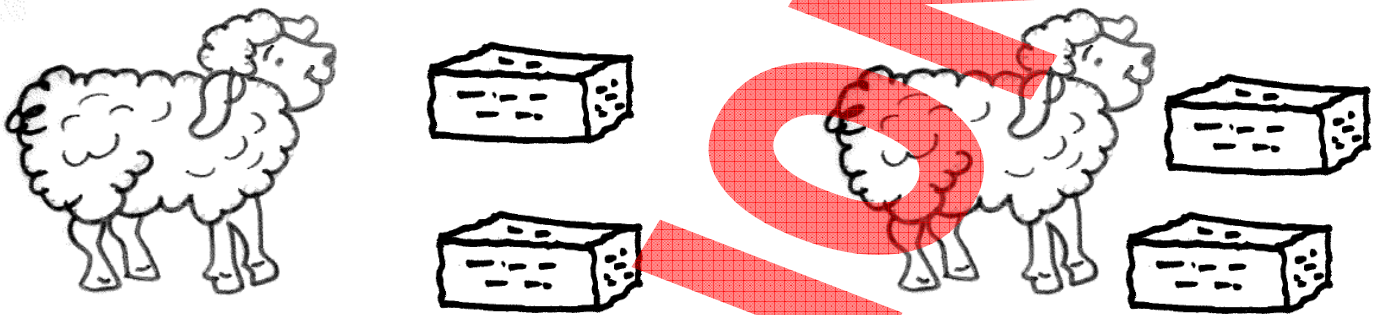
Resposta

1		16
2	El més gran 	14
3		7
4	11, 12,, 14	13
5	② + ② + ② =	6

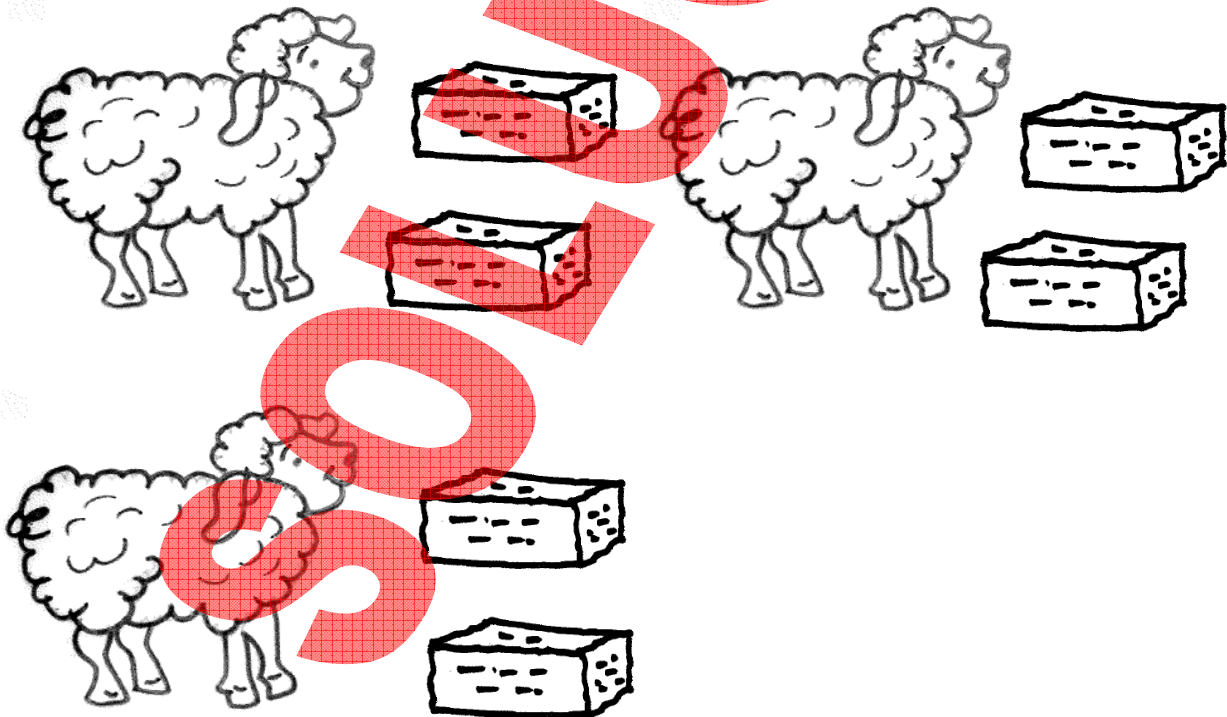
1 xai menja 2 bales d'herba

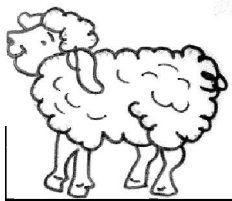


2 xais mengen 4 bales d'herba

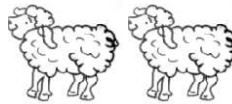


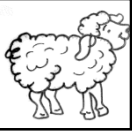
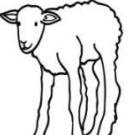
3 xais mengen 6 bales d'herba

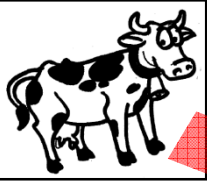
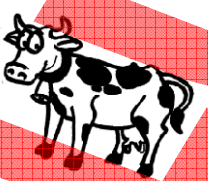
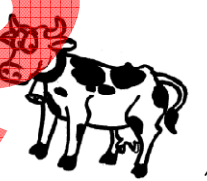
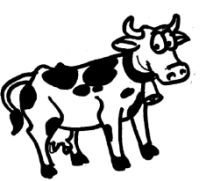
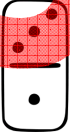




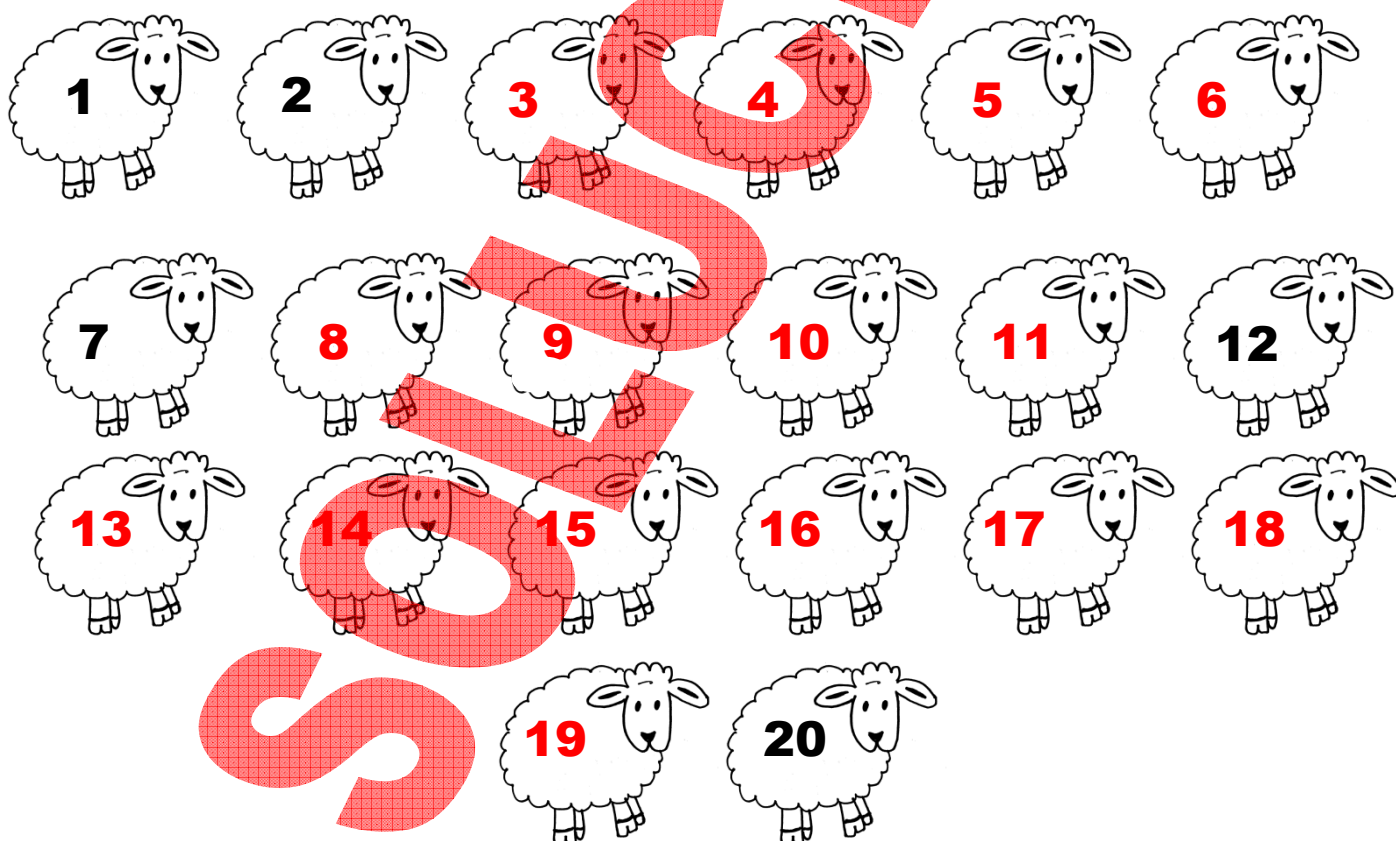
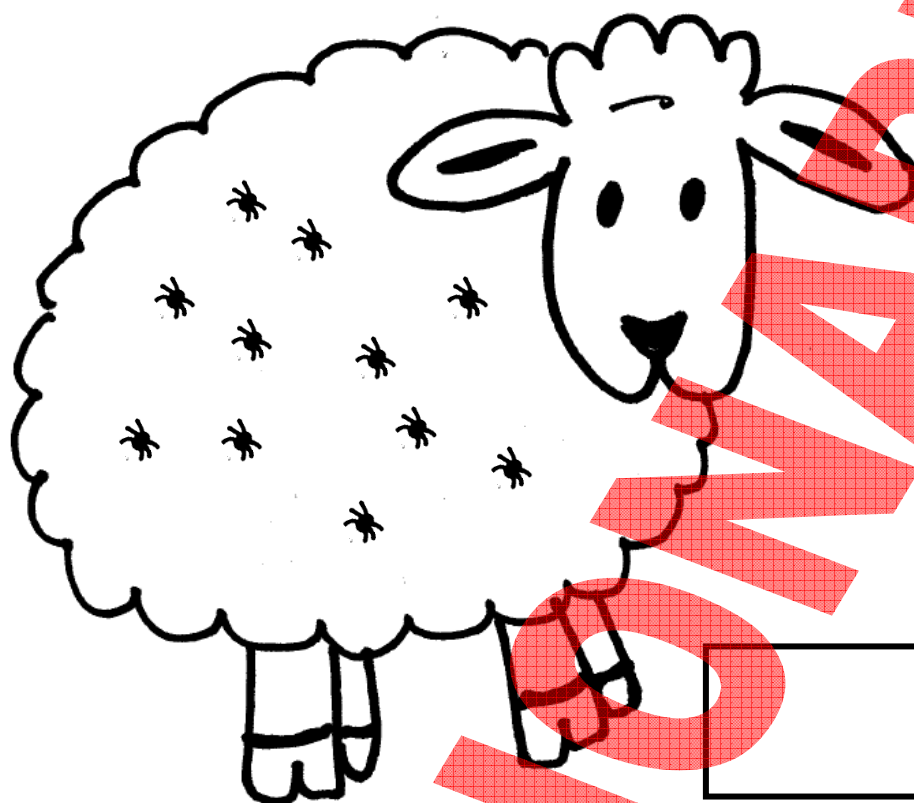
LINK DEL XAI



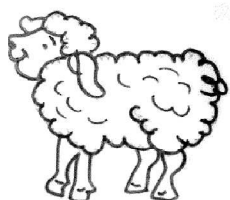
	PRÀCTICA 1	Resposta
1	 a)  b)  c) 	b)
2	Més alt  a)  b)	b)
3	   +   =	5 xais
4	 +  +  +  +  +  +  =	7 xais
5	     	14

	PRÀCTICA 2	Resposta
1	          +  =	11 xais
2	 a)  b)  c) 	c)
3	 10 11 12 13 14	15
4	$10 + 3 =$	13
5	 +  =	13

Compta les puces que té l'ovella

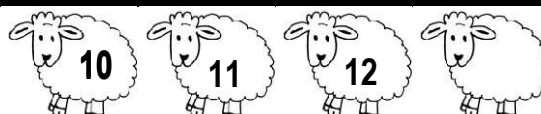
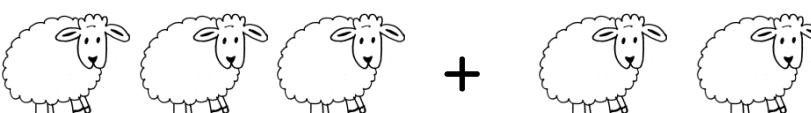
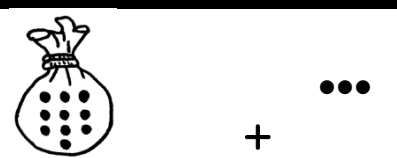


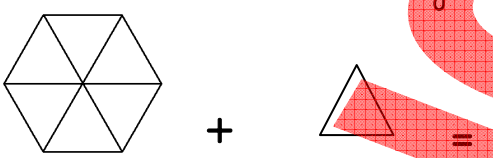
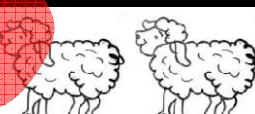
$$6 + 4 = 10$$

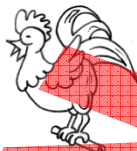
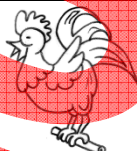
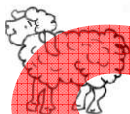


LINK DEL XAI



	PRÀCTICA 1	Resposta
1		13
2		5 xais
3		9 gomes
4		8
5		13

	PRÀCTICA 2	Resposta
1	Quants triangles veus? 	7 triangles
2	Compta les potes 	8 potes
3	$10 + 4 =$	14
4		9 llapis
5	$14 + 4 =$	18

Ànecs 5

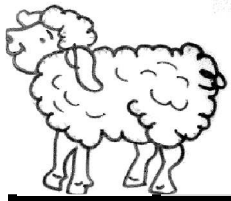
Xais 4

Galls 7

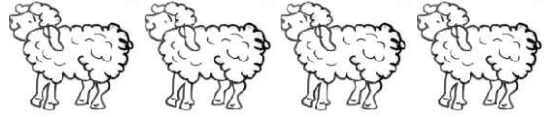
Xais i galls 11

Ànecs i galls 12

Ànecs, galls i xais 16



LINK DEL XAI



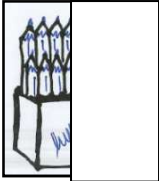
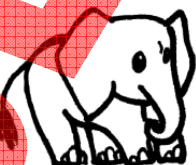
PRÀCTICA 1

Resposta

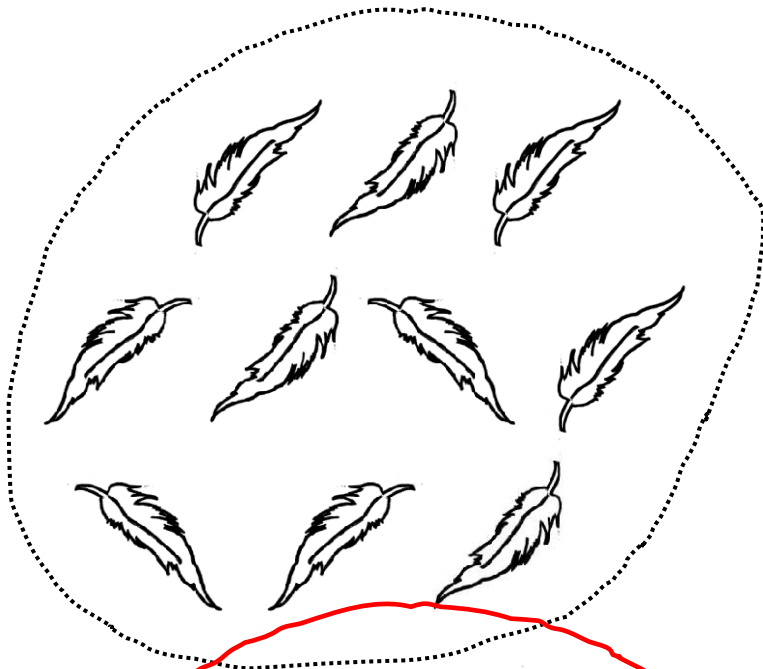
1	 +  =	12
2	$10 + 10 =$	20
3	$2 + 2 + 2 + 2 + 2 =$	10
4	$5 + 5 =$	10
5	0, 2, 4,	6

PRÀCTICA 2

Resposta

1	 +  +  =	9 flors
2	  a)  b)	a)
3	Més pesat  a)  b)	b)
4	12, 13, 14,, 16	15
5	 	6 flors

Fes grups de 10



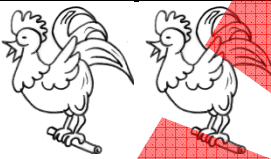
Total grups de 10

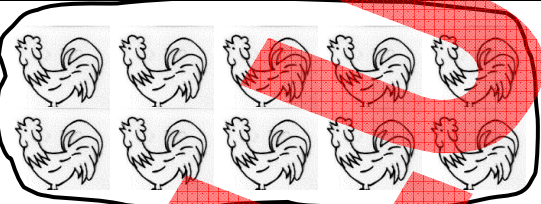
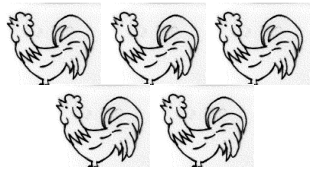
4 grups



LINK DEL GALL



	PRÀCTICA 1	Resposta
1	$\textcircled{2} + \textcircled{2} + \textcircled{2} + \textcircled{2} =$	8
2	 $5 - 2 =$	3
3	Compta les potes 	4 potes
4	10, 11,, 13, 14, 15	12
5	 $+ 5 =$	15

	PRÀCTICA 2	Resposta
1	  a)  b)  c)	c)
2	 + 	15 galls
3	     	18
4	Quantes a dins?    	7 pomes
5	 +  =	6 galls

Puc comprar?



En té prou per comprar?



5€



Sí No

Sí



10€



Sí No

No



6€



Sí No

Sí



3€



Sí No

Sí



1€



Sí No

Sí



8€

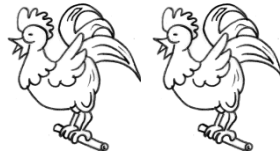


Sí No

Sí



LINK DEL GALL



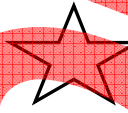
PRÀCTICA 1

Resposta

1	15,, 17	16
2	 +  =	14
3	 +  =	9
4	Compra  10€ +  5€ =	15 €
5	 +  =	20

PRACTICA 2

Resposta

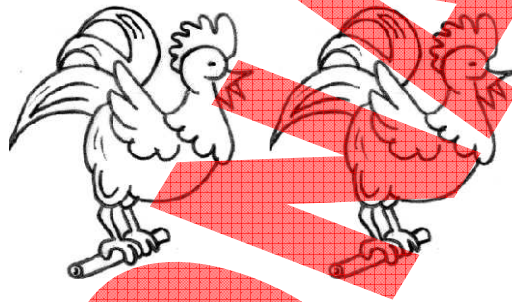
1	10 + 10 =	20
2	   +    =	6 cargols
3	    + 4 =	8
4	 +  =	16
5	 +  +  =	15 flors

Què pesa més?

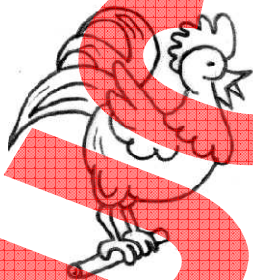
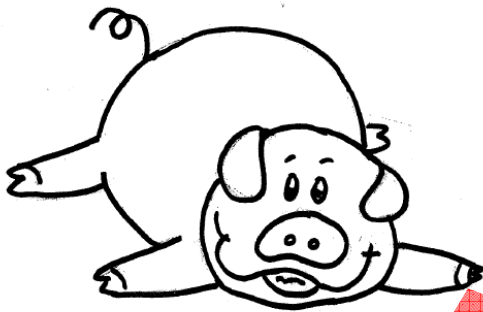


3 galls

2 galls



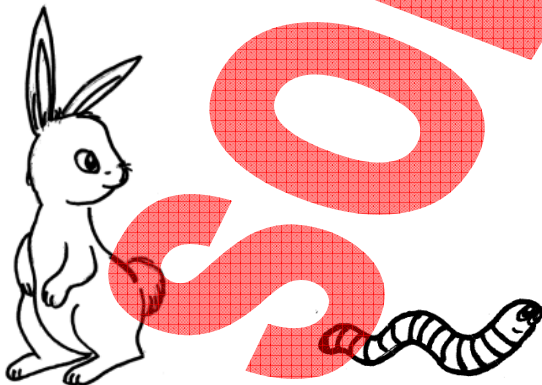
pesen més 3 galls



pesa més 1 porquet

1 porquet

1 gall



1 conill

1 cuc

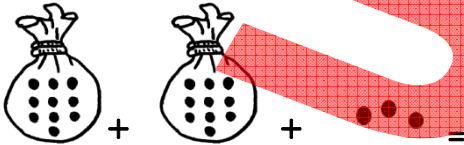
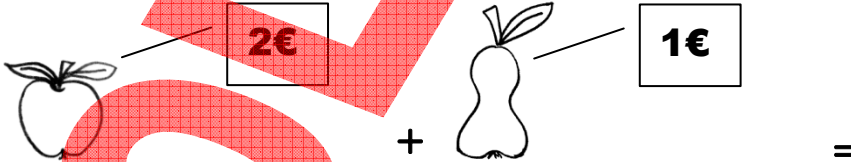
pesa més 1 conill



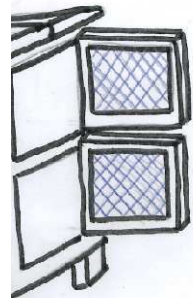
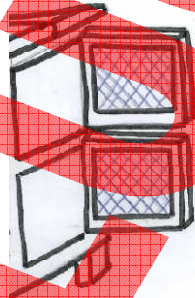
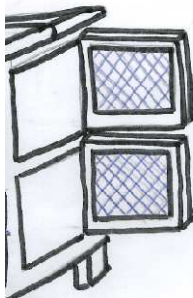
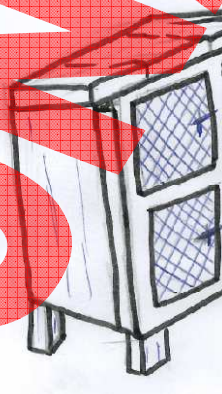
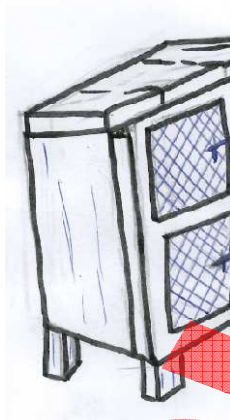
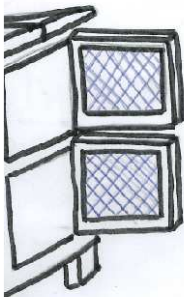
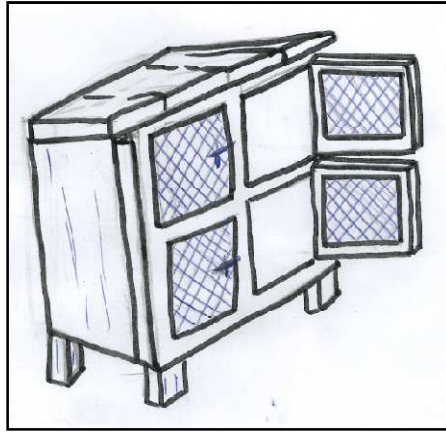
LINK DEL GALL



PRÀCTICA 1		Resposta
1	$10 + 5 =$	15
2		6
3		12 estrelles
4		8 nenes
5	$9 + 3 =$	12

PRÀCTICA 2											Resposta
1	5 + 5 + 5 + 5 =										20
2											23
3											3 euros
4	1	2	3	4	5	6	7	8	9	10	16
	11	12	13	14	15		17	18	19	20	
5											13 galletes

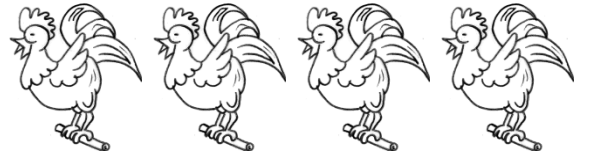
Quants galliners sencers pots fer?



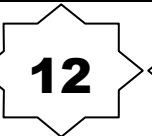
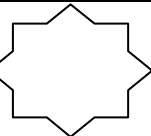
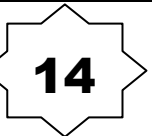
Puc fer 2 galliners

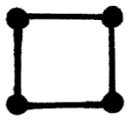
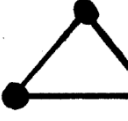
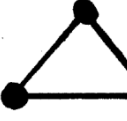
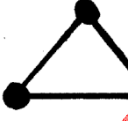
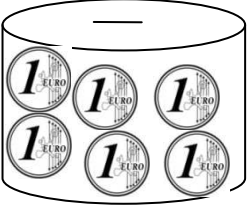


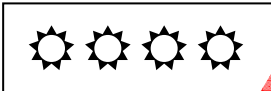
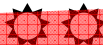
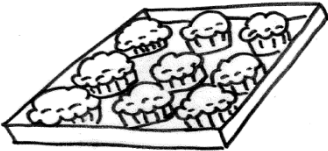
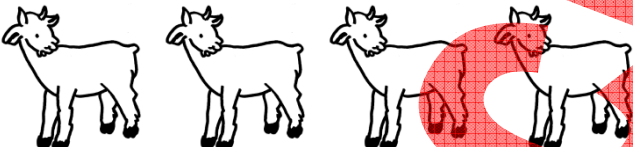
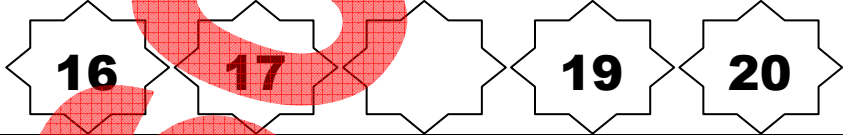
LINK DEL GALL

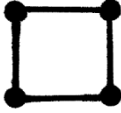
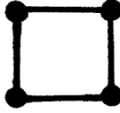
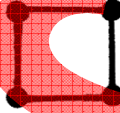
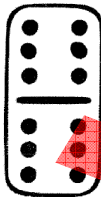
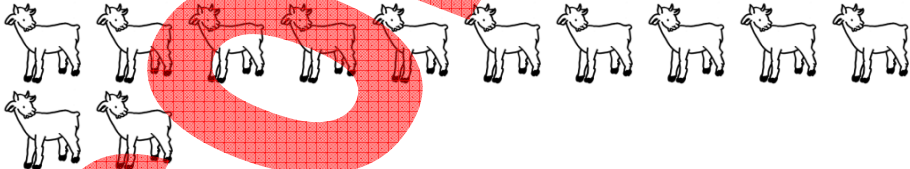
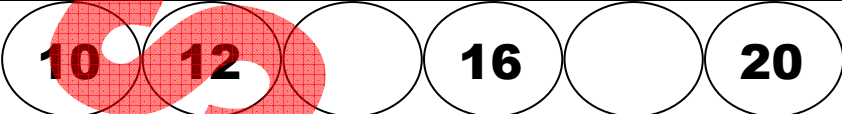


	PRÀCTICA 1	Resposta
1	 +  =	12 ous
2	$10 + 10 =$	20
3	 + =	16
4	$10 + 6 =$	16
5	 +  =	20

	PRÀCTICA 2	Resposta
1	$10 + 5 =$	15
2	  Quants a dins?	8 dins
3	 +  =	12
4	 	24
5	    	13

	LINK D'AVAUACIÓ 1	
1	$5 + 5 + 5 =$	15
2	 +  +  + 	13 vèrtexs
3	Igual   a)  b)  c)	a)
4	$10 + 5 =$	15
5	 +  +  =	5 peixos
6	   +    =	6
7	 +  =	10 euros
8	 10€ +  10€ =	20 euros
9	 +  =	20
10	El més petit ⑤ ④ ⑥	④
11	 +  =	7
12	Quantes a dins?  	5

	LINK D'AVALUACIÓ 2	
1	$10 + 3 =$	13
2	 + 4 =	14
3	 +  +  =	15
4	Quants fora?  	2
5	 +  =	12
6	Quantes potes? 	16 potes
7	10, 11, 12, ..., 14, 15	13
8	  a)  b)	b)
9	 =	8 granotes
10		18
11	 +  =	13
12	$(3) + (3) + (3) + (3) =$	12

	LINK D'AVALUACIÓ 3	
1	$\textcircled{1} + \textcircled{1} + \textcircled{1} + \textcircled{1} + \textcircled{2} + \textcircled{2} + \textcircled{2} =$	10
2	$10 + 3 =$	13
3	 + =	16
4		11 i 13
5	 -  =	1 vaca
6	Quants dins? 	3
7	 +  +  =	12 vèrtexs
8	$10 + 6 =$	16
9	 +  =	24
10		12 ovis
11		14 i 18
12	 5€ +  10€ =	15 €

Pinta el número de respostes correctes que has fet.

De color verd el LINK D'AVALUACIÓ 1.

De color vermell el LINK D'AVALUACIÓ 2.

De color blau el LINK D'AVALUACIÓ 3.

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

LINK 1

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

LINK 2

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

LINK 3

Compta tots els encerts

encerts
