

DOSSIER D'ESTIU MATEMÀTIQUES

SEGON



Nom: _____

SÈRIES

Completa les sèries. Fes-ne tres cada dia.

 53 - 63 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 110 - 120 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 26 - 24 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 220 - 230 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 100 - 200 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 3 - 6 - 9 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 42 - 52 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 350 - 360 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 4 - 8 - 12 - _____ - _____ - _____ - _____ - _____ - _____ - _____

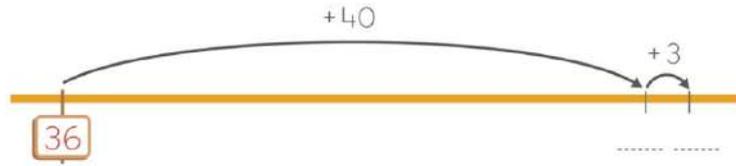
 1000 - 900 - _____ - _____ - _____ - _____ - _____ - _____ - _____

 5 - 10 - 15 - _____ - _____ - _____ - _____ - _____ - _____ - _____

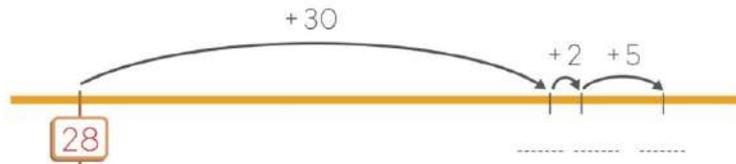
 40 - 50 - _____ - _____ - _____ - _____ - _____ - _____ - _____

SUMES I RESTES A LA RECTA NUMÈRICA

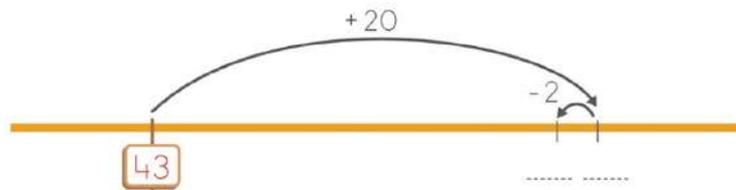
Completa els salts i les sumes i les restes corresponents.



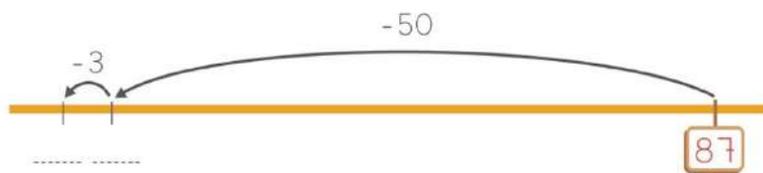
$$36 + \dots = \dots$$



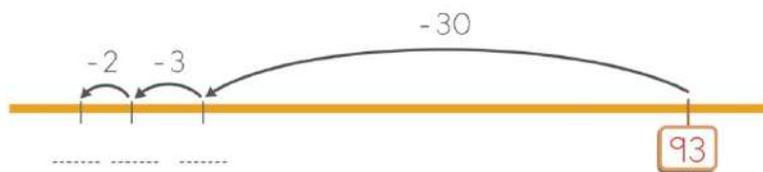
$$28 + \dots = \dots$$



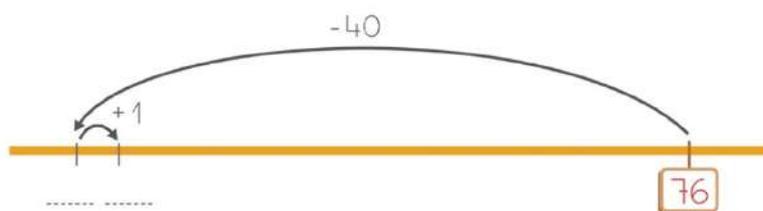
$$43 + \dots = \dots$$



$$87 - \dots = \dots$$



$$93 - \dots = \dots$$



$$76 - \dots = \dots$$

SUMEM DESCOMPONENT 1

Fixa't com es resolen aquestes sumes.

53 + 25 = 78

44 + 41 = 85

DESENES UNITATS RESULTAT

Ara resol les següents sumes descomponent amb la capseta verda.

25 + 25 =

78 + 17 =

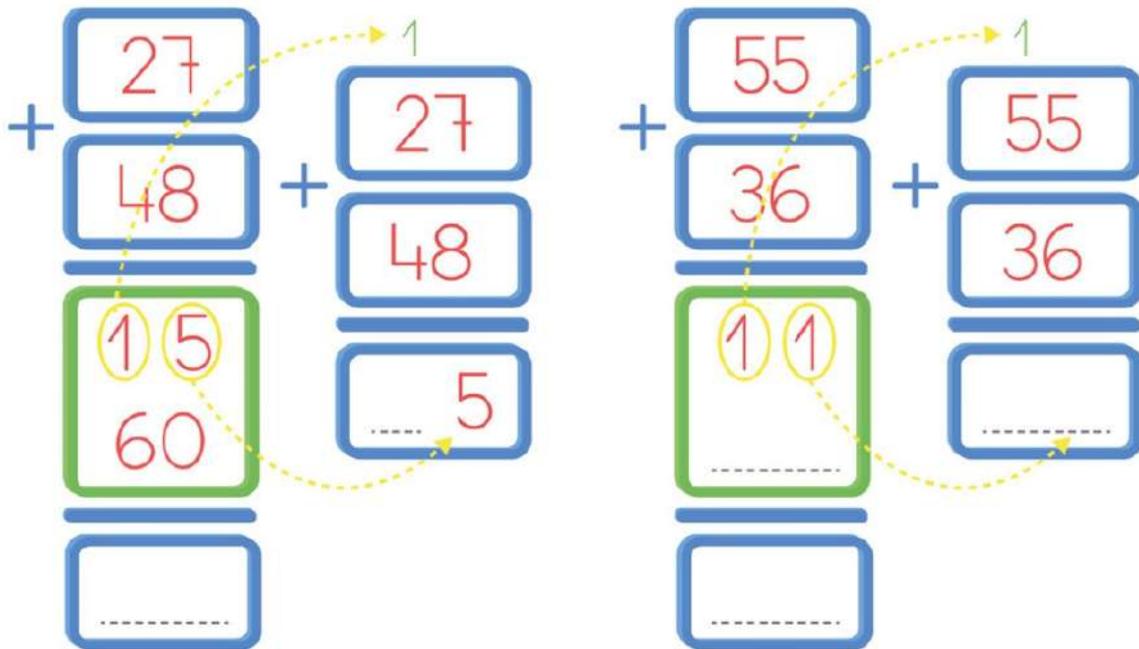
72 + 24 =

76 + 16 =

34 + 48 =

SUMEM DESCOMPONENT 2

Completa les sumes de les dues maneres proposades.



Ara resol aquestes sumes descomponent d'aquesta segona manera que hem après.

$$\begin{array}{r} + \\ 25 \\ 75 \\ \hline \end{array}$$
$$\begin{array}{r} + \\ 24 \\ 37 \\ \hline \end{array}$$
$$\begin{array}{r} + \\ 66 \\ 25 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ 45 \\ 29 \\ \hline \end{array}$$
$$\begin{array}{r} + \\ 60 \\ 15 \\ \hline \end{array}$$
$$\begin{array}{r} + \\ 59 \\ 58 \\ \hline \end{array}$$



Sumes



Resol aquestes sumes descomponent de la manera que acabem de veure, sense la capseta verda. Resol cada dia una fila.



$$+ \begin{array}{r} 15 \\ \underline{36} \end{array}$$

$$+ \begin{array}{r} 17 \\ \underline{24} \end{array}$$

$$+ \begin{array}{r} 45 \\ \underline{33} \end{array}$$

$$+ \begin{array}{r} 54 \\ \underline{28} \end{array}$$

$$+ \begin{array}{r} 27 \\ \underline{30} \end{array}$$



$$+ \begin{array}{r} 74 \\ \underline{16} \end{array}$$

$$+ \begin{array}{r} 35 \\ \underline{53} \end{array}$$

$$+ \begin{array}{r} 64 \\ \underline{29} \end{array}$$

$$+ \begin{array}{r} 223 \\ \underline{49} \end{array}$$

$$+ \begin{array}{r} 22 \\ \underline{39} \end{array}$$



$$+ \begin{array}{r} 29 \\ \underline{13} \end{array}$$

$$+ \begin{array}{r} 46 \\ \underline{45} \end{array}$$

$$+ \begin{array}{r} 91 \\ \underline{56} \end{array}$$

$$+ \begin{array}{r} 127 \\ \underline{18} \end{array}$$

$$+ \begin{array}{r} 77 \\ \underline{63} \end{array}$$



$$+ \begin{array}{r} 114 \\ \underline{38} \end{array}$$

$$+ \begin{array}{r} 36 \\ \underline{26} \end{array}$$

$$+ \begin{array}{r} 56 \\ \underline{15} \end{array}$$

$$+ \begin{array}{r} 67 \\ \underline{24} \end{array}$$

$$+ \begin{array}{r} 122 \\ \underline{38} \end{array}$$



$$+ \begin{array}{r} 72 \\ \underline{26} \end{array}$$

$$+ \begin{array}{r} 135 \\ \underline{86} \end{array}$$

$$+ \begin{array}{r} 74 \\ \underline{21} \end{array}$$

$$+ \begin{array}{r} 23 \\ \underline{48} \end{array}$$

$$+ \begin{array}{r} 122 \\ \underline{33} \end{array}$$



$$+ \begin{array}{r} 97 \\ \underline{13} \end{array}$$

$$+ \begin{array}{r} 146 \\ \underline{33} \end{array}$$

$$+ \begin{array}{r} 99 \\ \underline{12} \end{array}$$

$$+ \begin{array}{r} 27 \\ \underline{88} \end{array}$$

$$+ \begin{array}{r} 67 \\ \underline{14} \end{array}$$

SUMES

Resol les sumes amb l'estratègia que vulguis (recta numèrica, descomponent amb la capseta verda o descomponent sense capseta verda). Fes-ne cada dia una fila.



$64 + 52 = \underline{\hspace{2cm}}$



$298 + 26 = \underline{\hspace{2cm}}$



$258 + 22 = \underline{\hspace{2cm}}$



$99 + 62 = \underline{\hspace{2cm}}$



$45 + 34 = \underline{\hspace{2cm}}$



$128 + 49 = \underline{\hspace{2cm}}$



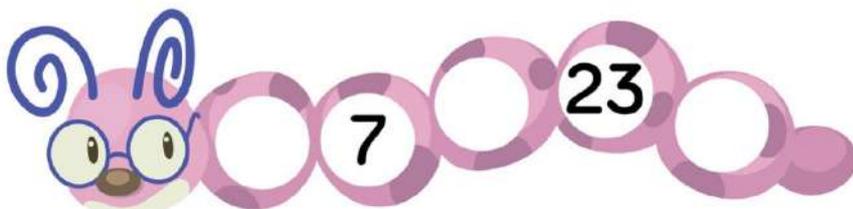
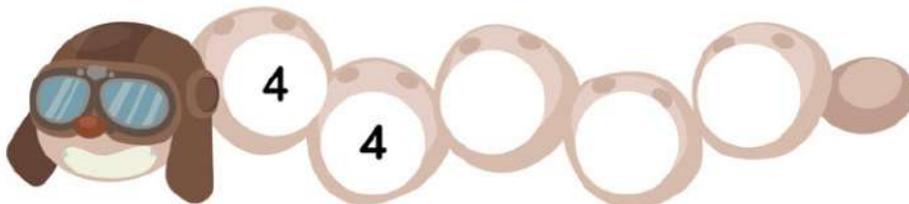
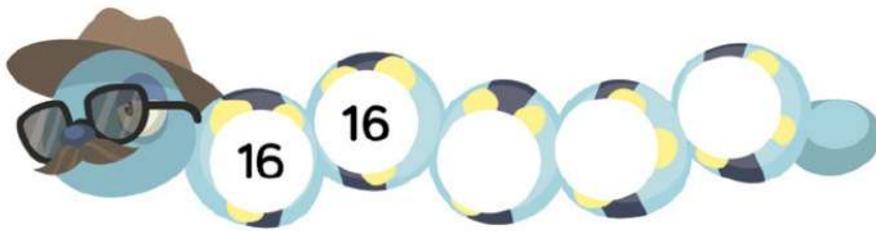
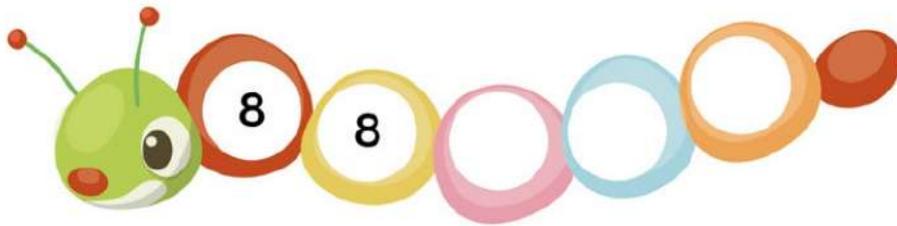
$285 + 41 = \underline{\hspace{2cm}}$



$36 + 28 = \underline{\hspace{2cm}}$

CUCS DE FIBONACCI

Completa aquests cucs de Fibonacci. En cada anella hi ha la suma de les dues anelles anteriors.



RESTEM DESCOMPONENT

Fixa't bé i després resol les restes.

87
- 25

81
- 64

60
2

DESENES QUE QUEDEN → 10
UNITATS QUE QUEDEN → 7

62 ← RESULTAT → 17

The diagram shows the subtraction of 25 from 87. The number 87 is represented by 8 tens rods and 7 units units. 25 is subtracted, leaving 60 and 2. The remaining 60 is decomposed into 10 and 50. The 10 is further decomposed into 10 units, which are added to the 2 units, resulting in 12 units. Finally, 6 tens and 2 units remain, which is 62.

$$\begin{array}{r} 84 \\ - 62 \\ \hline \square \\ \hline \square \end{array}$$

$$\begin{array}{r} 56 \\ - 22 \\ \hline \square \\ \hline \square \end{array}$$

$$\begin{array}{r} 99 \\ - 36 \\ \hline \square \\ \hline \square \end{array}$$

$$\begin{array}{r} 52 \\ - 33 \\ \hline \square \\ \hline \square \end{array}$$

$$\begin{array}{r} 66 \\ - 29 \\ \hline \square \\ \hline \square \end{array}$$

$$\begin{array}{r} 62 \\ - 43 \\ \hline \square \\ \hline \square \end{array}$$

RESTES

Completa aquesta resta de les dues maneres proposades.

	$\begin{array}{r} 73 \\ - 35 \\ \hline \end{array}$		$\begin{array}{r} 6 \text{ } 13 \\ - 73 \\ \hline \end{array}$
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Ara practica i resol aquestes restes.

$\begin{array}{r} 7 \text{ } 10 \\ - 80 \\ \hline \end{array}$	$\begin{array}{r} 6 \text{ } 15 \\ - 75 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 32 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ - 44 \\ \hline \end{array}$
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$\begin{array}{r} 65 \\ - 31 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ - 39 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ - 25 \\ \hline \end{array}$
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RESTES

Construeix i resol les següents restes de la manera que tu vulguis (recta numèrica, caixeta verda, sense caixeta...). Fes-ne dues cada dia.



$54 - 29 = \underline{\quad}$



$68 - 35 = \underline{\quad}$



$70 - 35 = \underline{\quad}$



$93 - 61 = \underline{\quad}$



$47 - 25 = \underline{\quad}$



$74 - 18 = \underline{\quad}$



$72 - 53 = \underline{\quad}$



$99 - 43 = \underline{\quad}$

PROBLEMES

Resol els problemes amb l'estratègia que prefereixis.

Fes-ne un cada dia.



La Jana, el Diego i el Sergi volen comprar-se un joc de taula que val 36€. Entre tots tres han arreplegat 52€. Quants euros els sobraran un cop hagin comprat el joc?

Resposta: _____



El Joan, el Jan i el Rodrigo van d'excursió a buscar minerals. El Joan ha trobat 22 minerals, el Jan 19 i el Rodrigo 25. Quants minerals han trobar entre tots tres?

Resposta: _____



La Chiara i l'Hugo acaben de comprar dos billets de tren. Cada billet ha costat 36€. Quant han costat els dos billets?

Resposta: _____



En un partit de bàsquet, la Valeria ha anotat 63 punts i l'Enzo 51. Quants punts més que l'Enzo ha anotat la Valeria?

Resposta: _____



La Nora i l'Elsa han inflat 67 globus per a la festa de final de curs. Després de jugar amb els seus amics i amigues, alguns globus han explotat. Si ara queden 56 globus inflats, quants globus han rebentat?

Resposta: _____



L'Ares i l'Óskar han anat a comprar i s'han gastat 22€ al forn i 39€ a la fruiteria. Quant s'han gastat en total?

Resposta: _____

 La Judit, l'Iván i el Pol tenen cadascú una capsa de 12 colors.
Quants colors tenen entre tots tres?

Resposta: _____

 El Pablo, l'Aleix i la Ivet han anat a la platja a buscar petxines.
Entre tots tres n'han trobat 57, però pel camí de tornada a casa
n'han perdut 13. Quantes petxines tenen ara?

Resposta: _____

 La Clàudia, el Xavi i l'Edi han anat a casa de la Martina i, per
berenar s'han menjat 16 galetes del pot. Si ara en queden 78,
quantes galetes hi havia abans de berenar?

Resposta: _____



La Joan ha comprat pilotes noves per als nens i nenes de segon. Si ha comprat 38 pilotes i abans ja n'hi havia 23, quantes pilotes hi ha ara?

Resposta: _____



La Rebeca ha repartit 15 llapis als nens i les nenes de la classe. Si n'ha de repartir 50, quants llapis li queden per repartir?

Resposta: _____

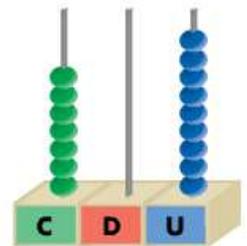
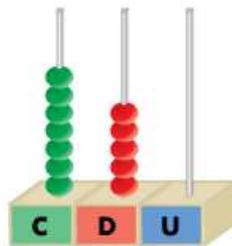
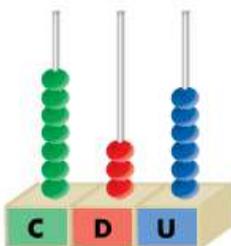
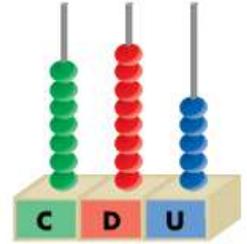
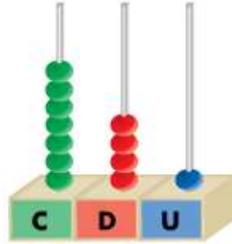
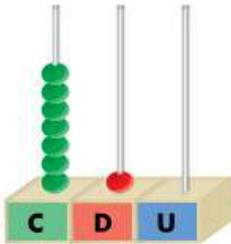
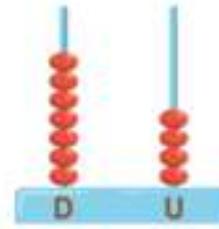
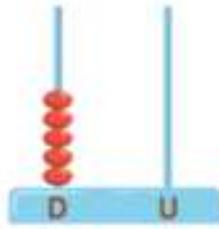
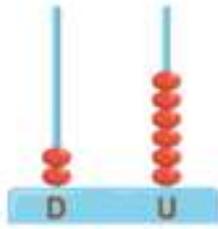


Les nenes i els nens de 1r i 2n de l'escola Pax van d'excursió a la platja. A 1rA hi ha 24 alumnes, a 1rB 26 alumnes, a 2nA 23 alumnes i a 2nB 27 alumnes. Quants alumnes han anat d'excursió?

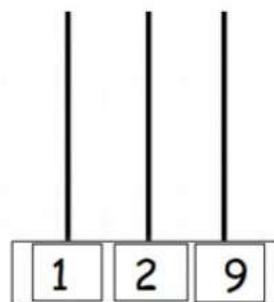
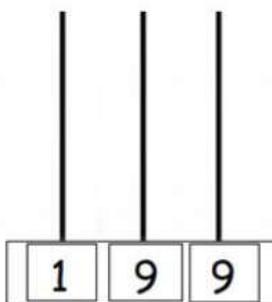
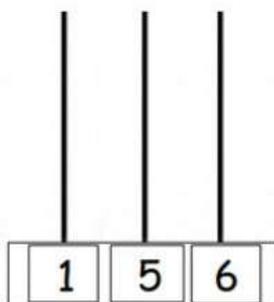
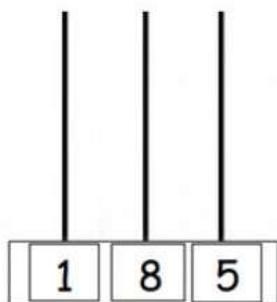
Resposta: _____

L'ÀBAC

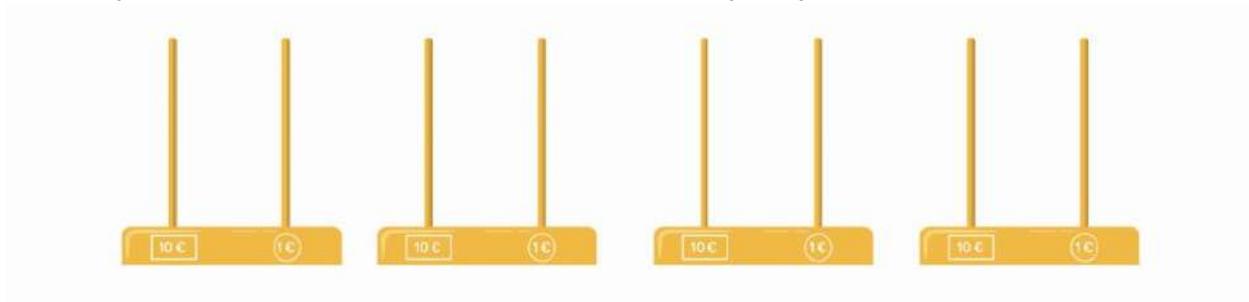
Escriu el número que representa cada àbac.



Ara dibuixa als àbacs la quantitat indicada.

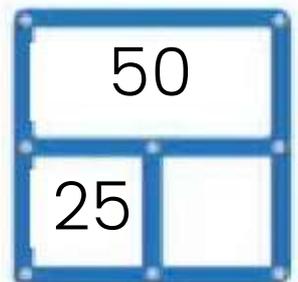
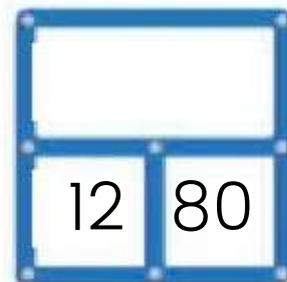
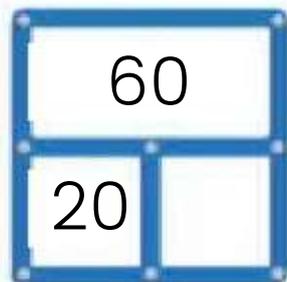
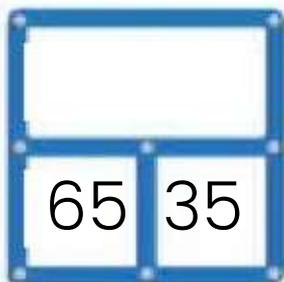
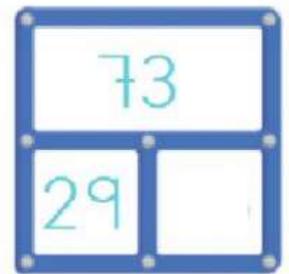
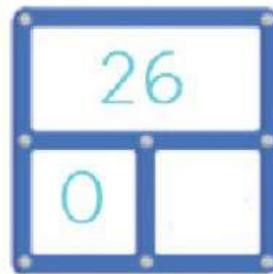
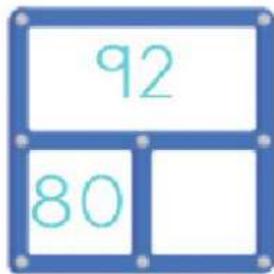
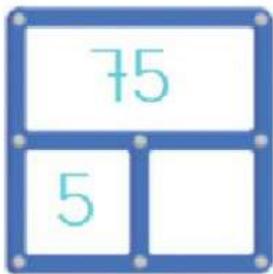
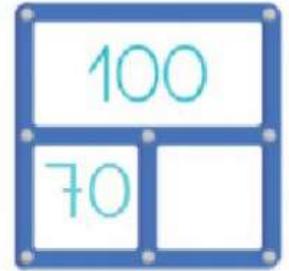
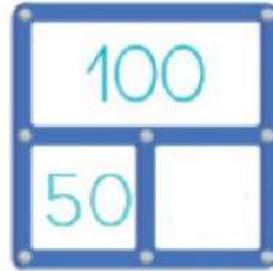
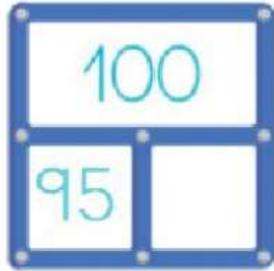
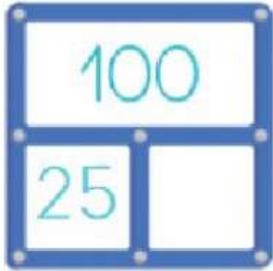
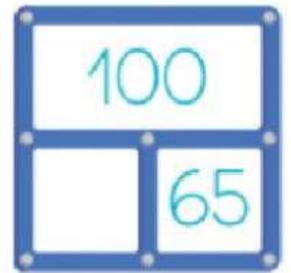
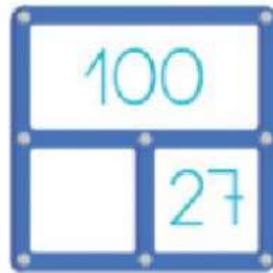
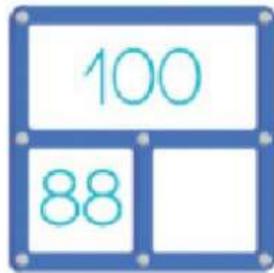
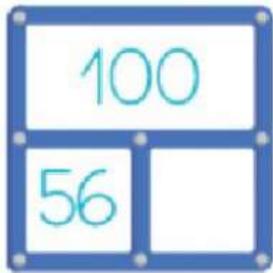


Representa 4 nombres diferents que pots fer amb 7 boles.

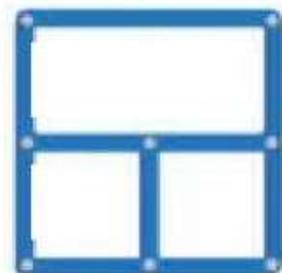
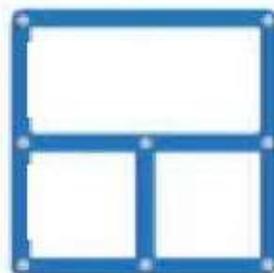
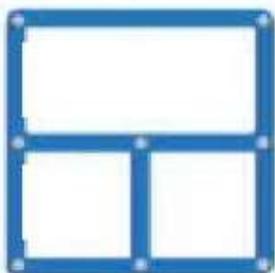


CAPSETES ADDITIVES

Completa les capsetes additives.



Ara inventa't noves capsetes additives.



NOMBRES PARELLS I SENARS

RECORDA:

Els nombres parells acaben en 0, 2, 4, 6, 8

Els nombres senars acaben en 1, 3, 5, 7, 9

1.- Ordena aquests nombres de més gran a més petit.

315 202 25 43 54 63 654 201 120 364 580 147

--	--	--	--	--	--	--	--	--	--	--	--	--

2.- Ordena aquests nombres de més petit a més gran.

25 9 49 365 125 432 802 806 999 57 23 10

--	--	--	--	--	--	--	--	--	--	--	--	--

3.- Arrossega cada nombre al pot corresponent:

25 61 204 39 800 57 32 68 103 326

Parells



Senars



COMPTEM DINERS

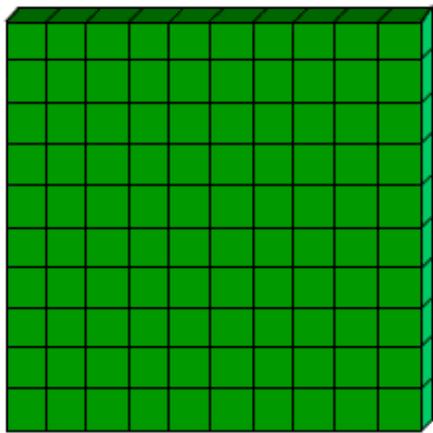
Quant et tornaran de canvi en cada cas?

 <p>1</p>	 <p>2</p>	 <p>3</p>
 <p>4</p>	 <p>5</p>	 <p>6</p>
 <p>7</p>	 <p>8</p>	 <p>9</p>

1	
2	
3	
4	
5	
6	
7	
8	
9	

CENTENES, DESENES I UNITATS

Fixa't bé i després completa.



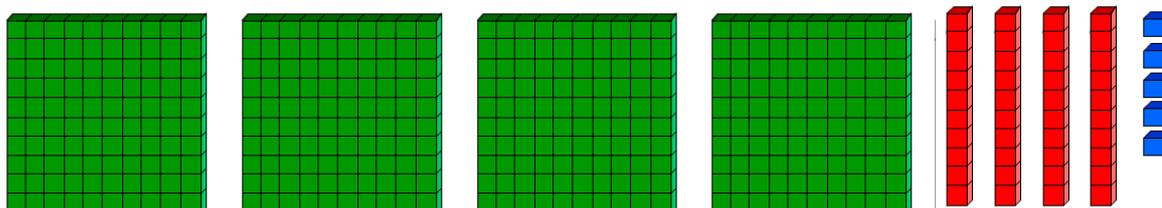
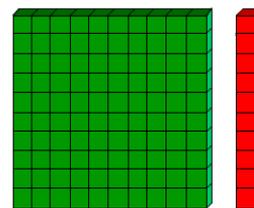
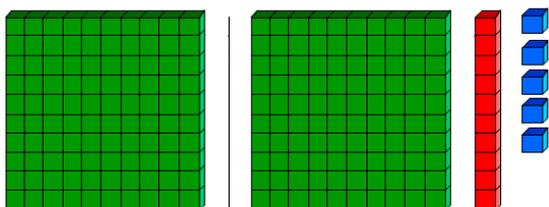
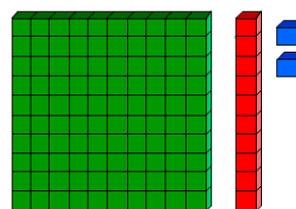
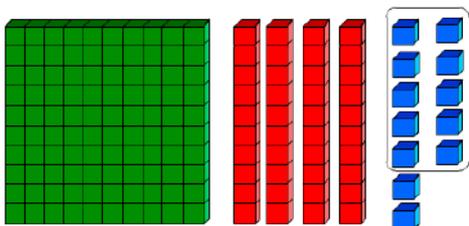
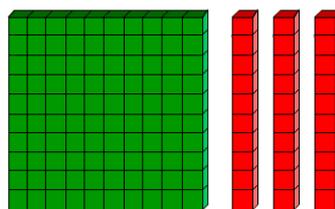
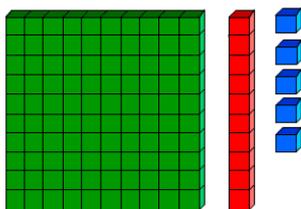
CENTENA = 100



DESENA = 10



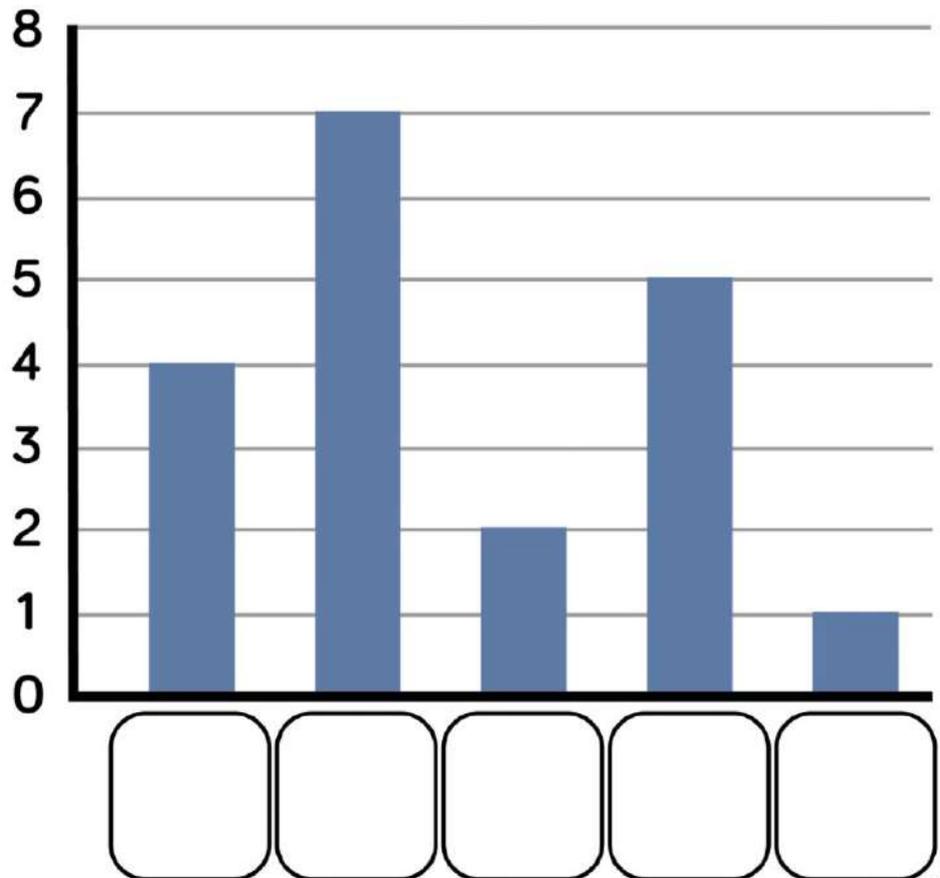
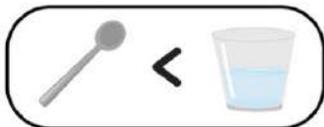
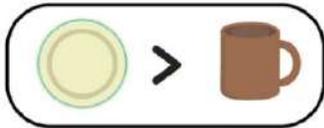
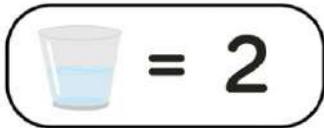
UNITAT = 1



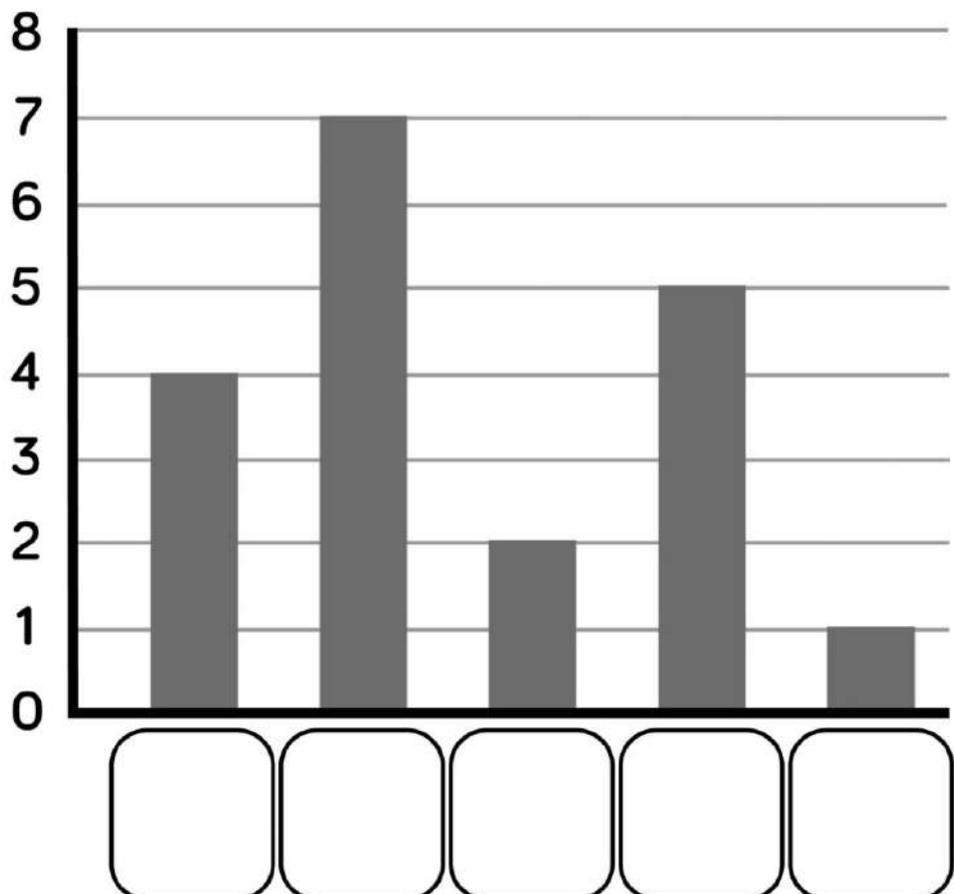
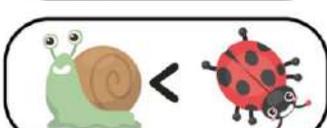
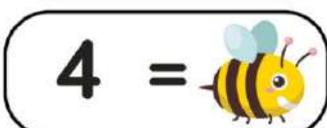
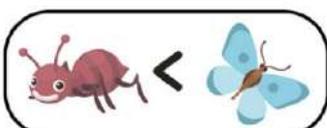
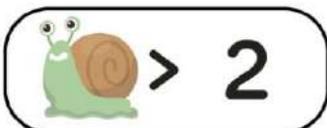
GRÀFICS DE BARRES

Dedueix i completa les etiquetes d'aquests gràfics de barres.

GRÀFIC 9



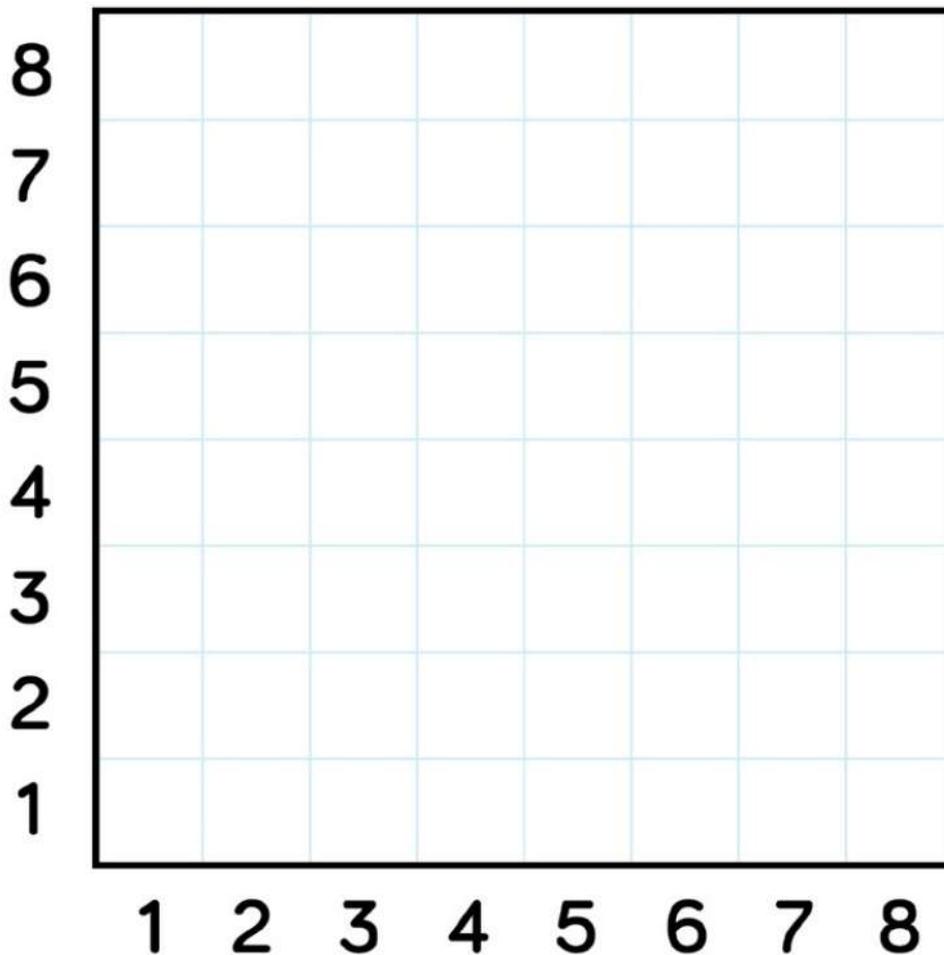
GRÀFIC 11



DIBUIX AMAGAT

Segueix les coordenades per pintar els requadres i trobar el dibuix amagat.

 (6,8) (6,6) (6,4)	 (3,5) (4,5) (3,4) (3,3) (4,3) (3,2) (4,2)	 (3,7) (5,7)	 (3,8) (4,4) (4,8) (5,3) (5,8) (8,3) (2,7) (5,2) (4,7) (6,2) (2,6) (7,2) (3,6) (3,1) (4,6) (5,1) (5,6) (5,5) (2,4)
--	--	---	--



MEITAT, DOBLE I TRIPLE

Meitat: cadascuna de les dues parts iguals. **:2**

Doble: dues vegades el nombre donat. **x2**

Triple: tres vegades el nombre donat. **x3**

Exemple:

La **meitat** de **6** és $6:2 = 3$

El **doble** de **6** és $6 \times 2 = 12$

El **triple** de **6** és $6 \times 3 = 18$

Completa:

La meitat de 4:

La meitat de 40:

El doble de 3:

El triple d'11:

El triple de 5:

La meitat de 220:

La meitat de 12:

El doble de 120:

La meitat de 18:

La meitat de 180:

El triple de 10:

El triple de 33:

El doble de 14:

El doble de 51:

La meitat de 22:

La meitat de 500:

El triple de 20:

El doble de 77:

El doble de 19:

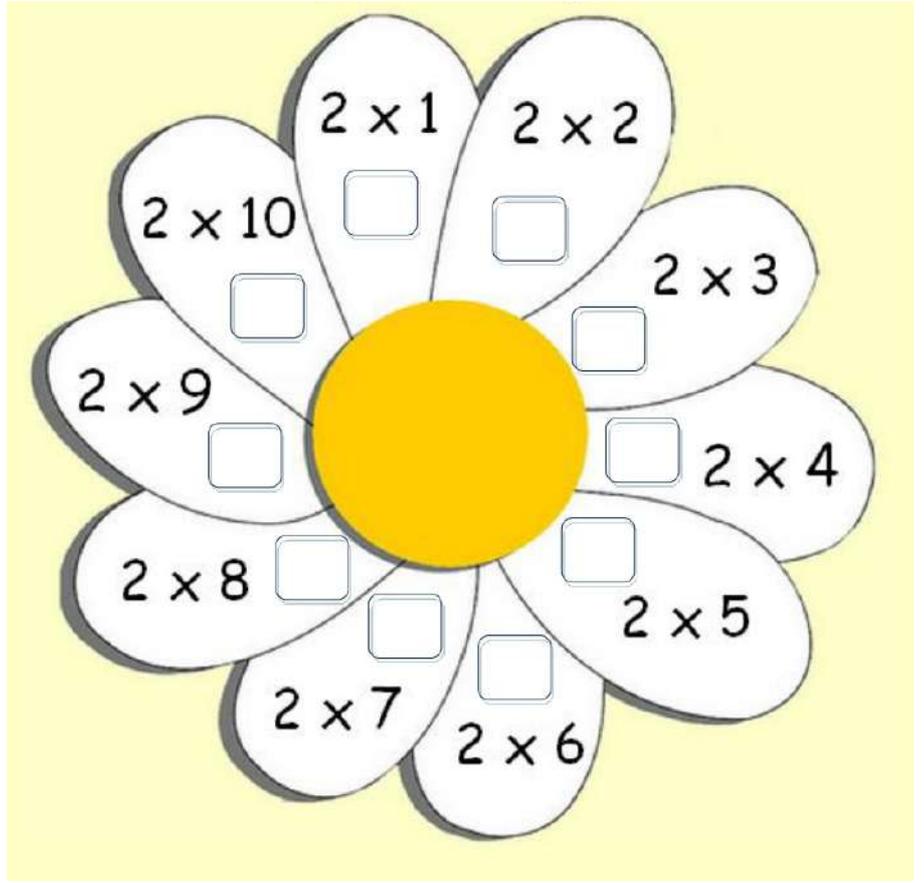
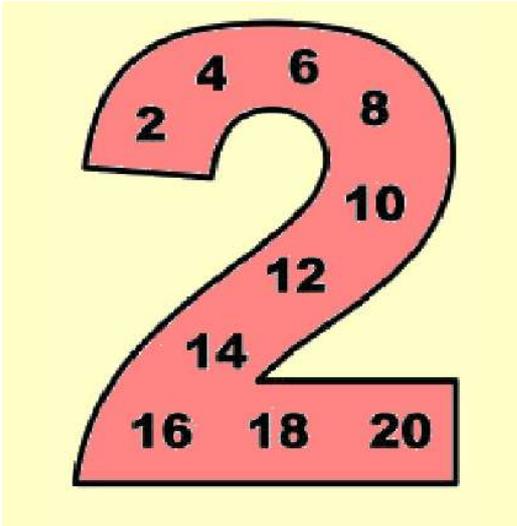
La meitat de 800:

La meitat de 70:

El triple de 24:

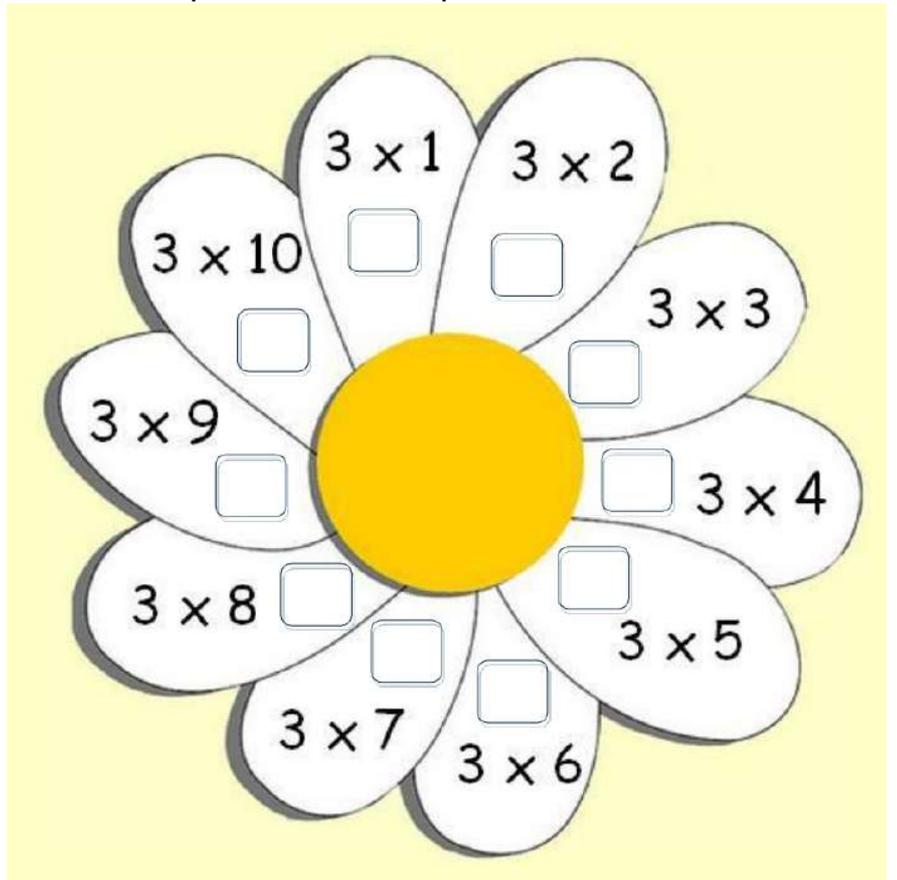
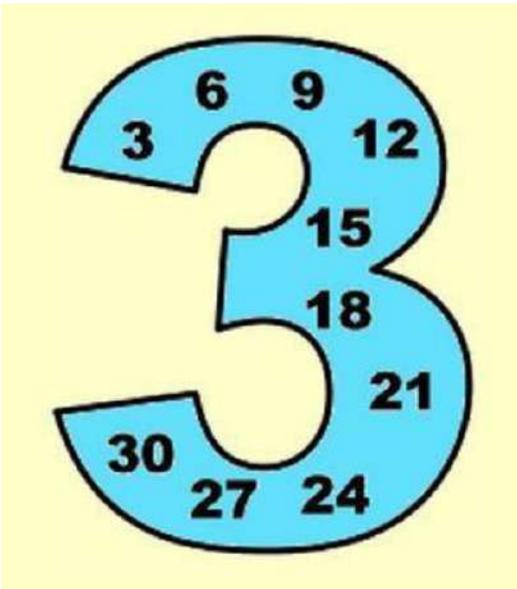
TAULA DEL 2

Col·loca el resultat la pètal corresponent .



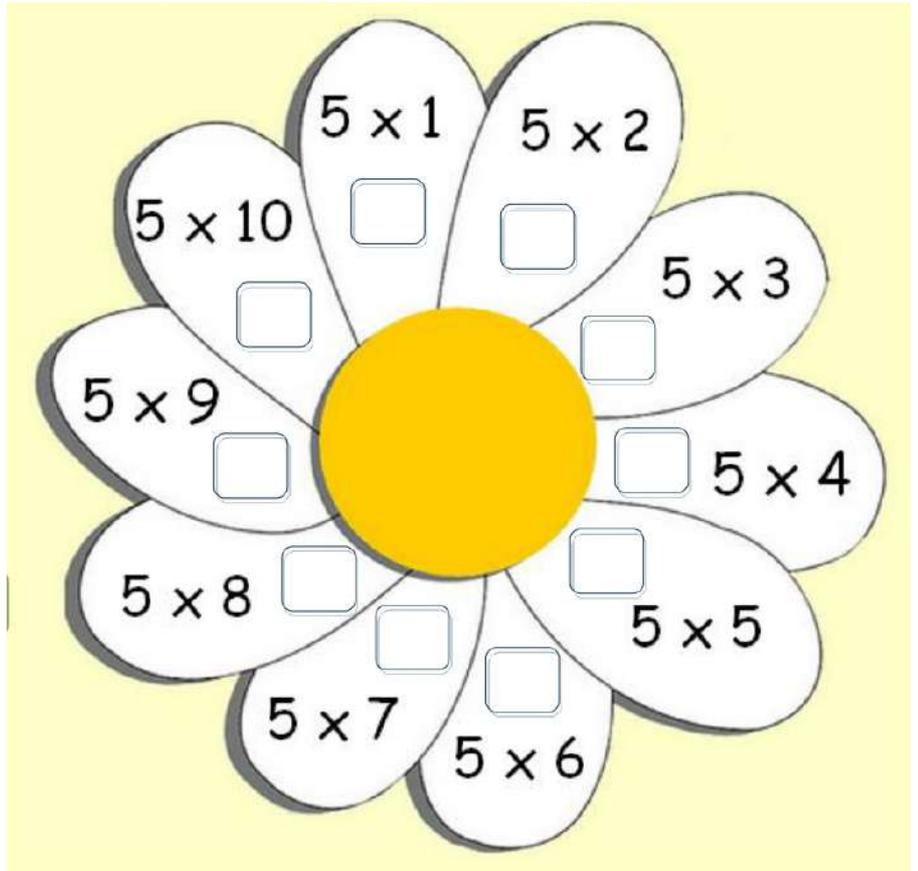
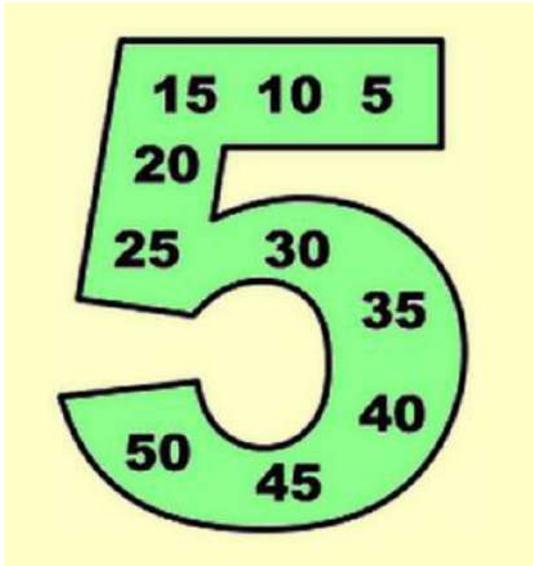
TAULA DEL 3

Col·loca el resultat al pètal corresponent.



TAULA DEL 5

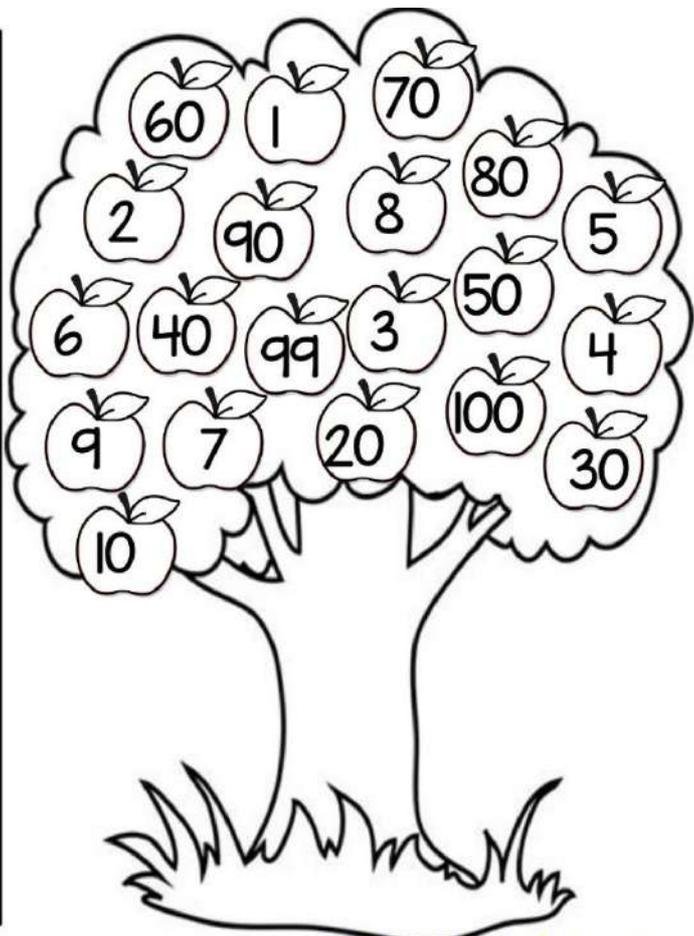
Col·loca el resultat la pètal corresponent.



TAULA DEL 10

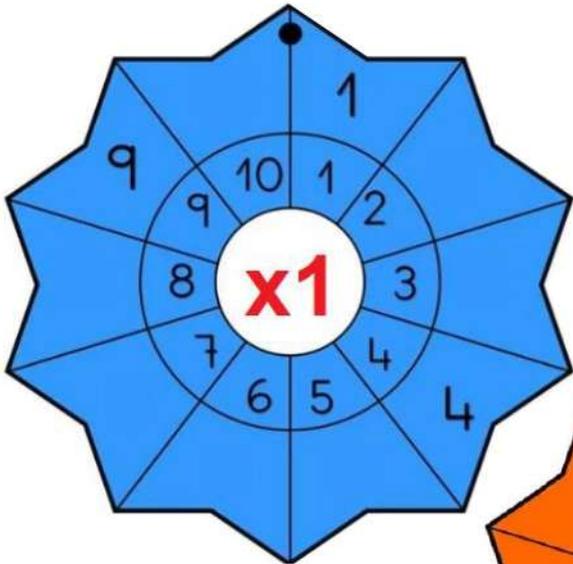
Completa i pinta els resultats.

$10 \times 1 =$	<input type="text"/>
$10 \times 2 =$	<input type="text"/>
$10 \times 3 =$	<input type="text"/>
$10 \times 4 =$	<input type="text"/>
$10 \times 5 =$	<input type="text"/>
$10 \times 6 =$	<input type="text"/>
$10 \times 7 =$	<input type="text"/>
$10 \times 8 =$	<input type="text"/>
$10 \times 9 =$	<input type="text"/>
$10 \times 10 =$	<input type="text"/>



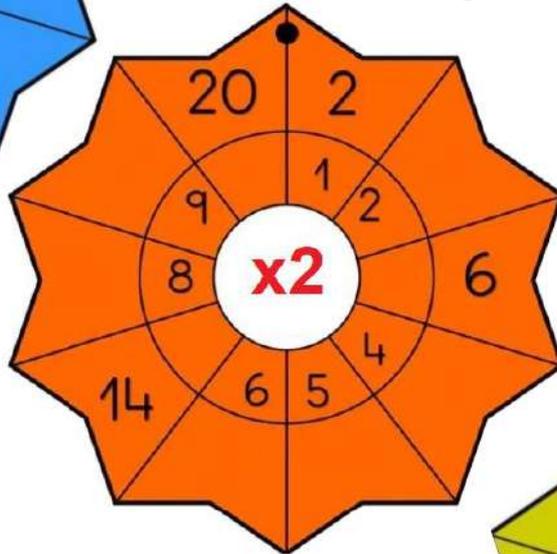
MULTIPLICACIONES

Completa.



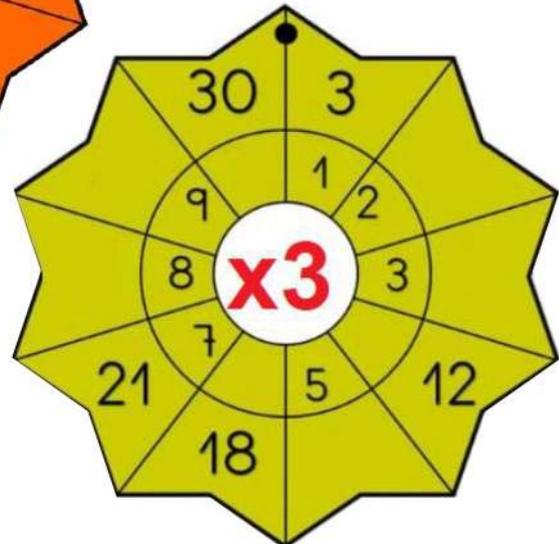
$5 \times 3 =$	
$1 \times 8 =$	
$2 \times 4 =$	
$3 \times 8 =$	

$2 \times 3 =$	
$1 \times 5 =$	
$3 \times 7 =$	
$4 \times 5 =$	

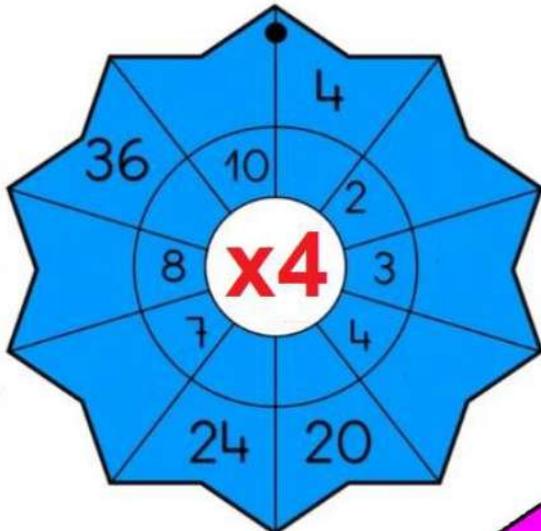


$2 \times 10 =$	
$3 \times 4 =$	
$1 \times 7 =$	
$5 \times 6 =$	

$2 \times 8 =$	
$3 \times 3 =$	
$5 \times 5 =$	
$4 \times 7 =$	

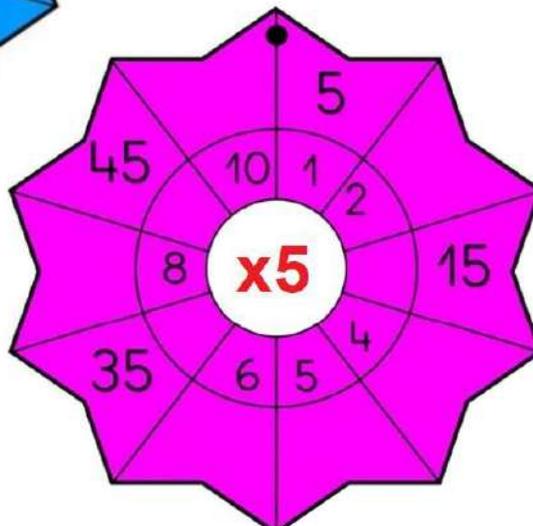


$5 \times 8 =$	
$2 \times 2 =$	
$3 \times 6 =$	
$4 \times 9 =$	



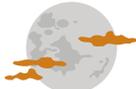
$3 \times 2 =$	
$2 \times 6 =$	
$5 \times 10 =$	
$2 \times 7 =$	

$4 \times 4 =$	
$5 \times 9 =$	
$2 \times 1 =$	
$1 \times 3 =$	



MULTIPLICACIONES

Fixa't bé i completa aquestes multiplicacions.

1  x  =



2  x  =

3  x  =



4  x  =

5  x  =



6  x  =

7  x  =



8  x  =

9  x  =



10  x  =

CÀLCUL MENTAL

SUMES I RESTES: SETMANA 1

$13 - 7 =$

$12 + 5 =$

$13 + 9 =$

$21 - 2 =$

$12 + 13 =$

$22 - 7 =$

$16 - 11 =$

$11 + 9 =$

$16 + 8 =$

$10 - 7 =$

$3 + 18 =$

$15 - 6 =$

$15 - 9 =$

$23 + 15 =$

$12 + 19 =$

$27 - 11 =$

$7 + 15 =$

$22 - 5 =$

$13 - 8 =$

$31 + 4 =$

$23 + 4 =$

$21 - 11 =$

$15 + 7 =$

$11 - 7 =$

$25 - 19 =$

$32 + 7 =$

$22 + 9 =$

$12 - 7 =$

$13 + 9 =$

$22 - 4 =$

$23 - 8 =$

$3 + 26 =$

$23 + 6 =$

$21 - 10 =$

$5 + 19 =$

$12 - 8 =$

CÀLCUL MENTAL

SUMES I RESTES: SETMANA 2

$6 + 9 =$

$19 - 5 =$

$21 + 17 =$

$45 + 3 =$

$12 - 9 =$

$18 - 5 =$

$2 + 20 =$

$26 - 13 =$

$26 + 6 =$

$15 + 6 =$

$42 - 7 =$

$18 - 9 =$

$32 + 8 =$

$25 - 9 =$

$32 + 11 =$

$29 + 18 =$

$17 - 11 =$

$12 - 8 =$

$4 + 21 =$

$23 - 6 =$

$33 + 9 =$

$36 + 5 =$

$19 - 11 =$

$16 - 7 =$

$47 + 7 =$

$23 - 17 =$

$52 + 9 =$

$32 + 3 =$

$31 - 4 =$

$12 - 9 =$

$12 + 11 =$

$22 - 8 =$

$43 + 16 =$

$30 + 14 =$

$11 - 6 =$

$19 - 8 =$

CÀLCUL MENTAL

SUMES I RESTES: SETMANA 3

$13 + 35 =$

$23 - 17 =$

$43 + 19 =$

$78 + 5 =$

$43 - 34 =$

$25 - 16 =$

$5 + 88 =$

$36 - 15 =$

$26 + 18 =$

$51 + 11 =$

$81 - 11 =$

$32 - 26 =$

$12 + 24 =$

$25 - 19 =$

$32 + 17 =$

$34 + 36 =$

$37 - 13 =$

$25 - 15 =$

$31 + 67 =$

$63 - 28 =$

$43 + 14 =$

$41 + 42 =$

$72 - 18 =$

$26 - 12 =$

$13 + 15 =$

$45 - 22 =$

$62 + 52 =$

$44 + 17 =$

$92 - 11 =$

$72 - 34 =$

$12 + 95 =$

$23 - 15 =$

$33 + 16 =$

$13 + 8 =$

$25 - 13 =$

$31 - 18 =$

CÀLCUL MENTAL

SUMES I RESTES: SETMANA 4

$13 - 7 =$

$12 + 5 =$

$13 + 9 =$

$21 - 2 =$

$12 + 13 =$

$22 - 7 =$

$16 - 11 =$

$11 + 9 =$

$16 + 8 =$

$10 - 7 =$

$3 + 18 =$

$15 - 6 =$

$15 - 9 =$

$23 + 15 =$

$12 + 19 =$

$27 - 11 =$

$7 + 15 =$

$22 - 5 =$

$13 - 8 =$

$31 + 4 =$

$23 + 4 =$

$21 - 11 =$

$15 + 7 =$

$11 - 7 =$

$25 - 19 =$

$32 + 7 =$

$22 + 9 =$

$12 - 7 =$

$13 + 9 =$

$22 - 4 =$

$23 - 8 =$

$3 + 26 =$

$23 + 6 =$

$21 - 10 =$

$5 + 19 =$

$12 - 8 =$