

MATEMÀTIQUES

ABN 2ⁿ

DOSSIER DE
VACANCES



3. Quants euros tinc en total?

$$50 + 4 \times 10 =$$

$$60 + 2 \times 10 =$$

$$40 + 3 \times 10 =$$

$$30 + 4 \times 10 =$$

4. Quantes peres queden després d'emplenar les safates?

$$90 - 4 \times 10 =$$

$$70 - 3 \times 10 =$$

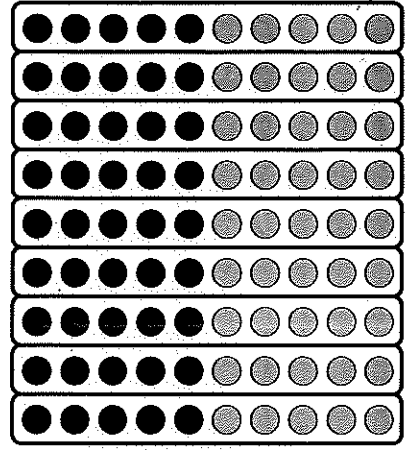
$$80 - 2 \times 10 =$$

1.6

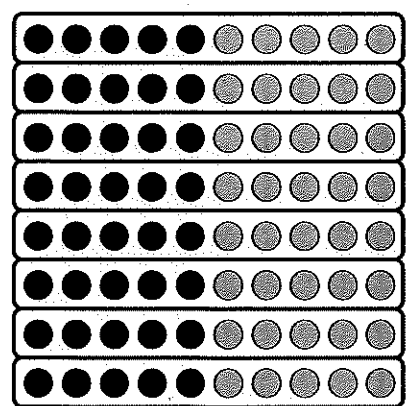
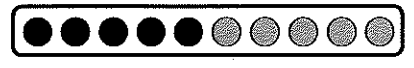
Estratègies de càlcul Descompondre el 100



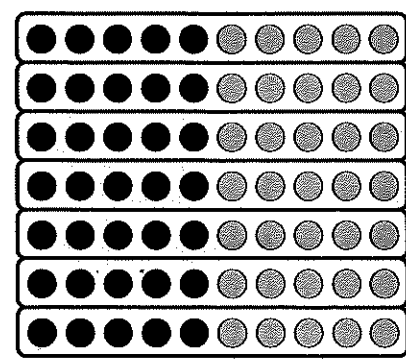
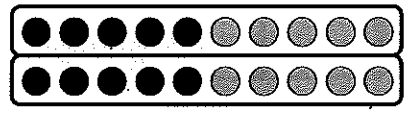
1. Busca diferents maneres de fer el 100:



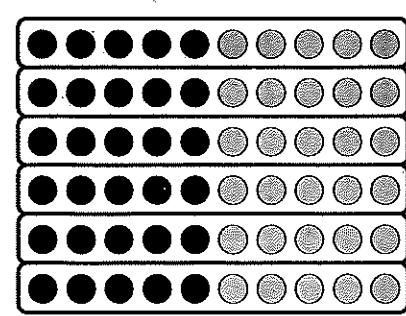
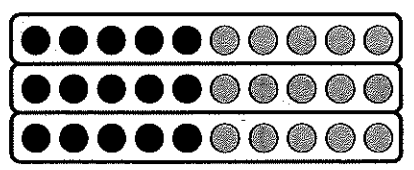
$$90 + 10 = 100$$



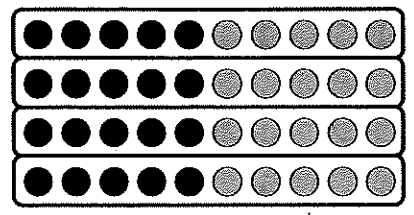
$$\square + \square = 100$$



$$\square + \square = 100$$



$$\square + \square = 100$$



2.4

Estratègies de càlcul Sobrecomptar i descomptar



1. Fes les següents sumes usant els dits:

$35 + \text{[hand showing 2]} =$

$42 + \text{[hand showing 5]} =$

$26 + \text{[hand showing 3]} =$

$54 + \text{[hand showing 4]} =$

$61 + \text{[hand showing 5]} + \text{[hand showing 3]} =$

$72 + \text{[hand showing 5]} + \text{[hand showing 2]} =$

$13 + \text{[hand showing 5]} + \text{[hand showing 3]} =$

$90 + \text{[hand showing 5]} + \text{[hand showing 4]} =$

Com has sumat?

2. Fes les següents restes:

$35 - \text{[hand showing 2]} =$

$75 - \text{[hand showing 5]} =$

$46 - \text{[hand showing 3]} =$

$54 - \text{[hand showing 4]} =$

$59 - \text{[hand showing 5]} + \text{[hand showing 3]} =$

$67 - \text{[hand showing 5]} + \text{[hand showing 2]} =$

$28 - \text{[hand showing 5]} + \text{[hand showing 3]} =$

$39 - \text{[hand showing 5]} + \text{[hand showing 4]} =$

Com has restat?

2.7

Estratègies de càlcul
Descompondre el 20

3. Completa les sumes amb els nombres que falten:

$$5 + \square = 20$$

$$6 + \square = 20$$

$$7 + \square = 20$$

$$2 + \square = 20$$

$$9 + \square = 20$$

$$4 + \square = 20$$

$$3 + \square = 20$$

$$1 + \square = 20$$

4. Busca les sumes que fan 20:

$$5+15$$

$$4+12$$

$$16+4$$

$$10+40$$

$$13+7$$

$$3+15$$

$$10+10$$

$$17+3$$

$$20+20$$

$$6+14$$

$$5+12$$

$$11+5$$

$$19+1$$

$$4+14$$

$$12+4$$

$$7+13$$

$$1+19$$

$$5+15$$

$$3+30$$

$$2+18$$

$$13+4$$

$$8+12$$

$$11+7$$

$$6+14$$

$$12+4$$

2.9

Estratègies de càlcul Restar comptant endavant



3. Quantes falten per a arribar? Compta amb el collaret:

33 58

$$58 - 33 = \square$$

25 46

$$46 - 25 = \square$$

28 69

$$28 - 69 = \square$$

47 73

$$73 - 47 = \square$$

39 55

$$55 - 39 = \square$$

26 68

$$68 - 26 = \square$$

77 94

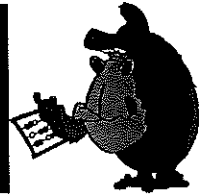
$$94 - 77 = \square$$

46 82

$$82 - 46 = \square$$

4.7

Estratègies de càlcul Sumar i restar desenes



3. Aquí passen coses diferents. Per què? Investiga amb la calculadora:

395	+20	
168	+40	
216	-20	
378	+50	
406	-30	
198	+30	
429	-50	

4. Completa les sèries:

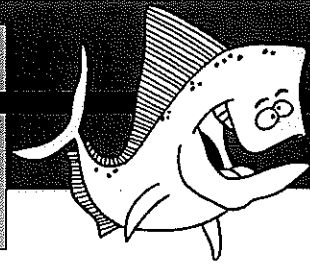
$$635 \xrightarrow{+80} \boxed{} \xrightarrow{-50} \boxed{} \xrightarrow{+60} \boxed{}$$

$$734 \xrightarrow{-90} \boxed{} \xrightarrow{-30} \boxed{} \xrightarrow{+40} \boxed{}$$

$$565 \xrightarrow{+40} \boxed{} \xrightarrow{-20} \boxed{} \xrightarrow{+80} \boxed{}$$

$$520 \xrightarrow{-30} \boxed{} \xrightarrow{+50} \boxed{} \xrightarrow{-80} \boxed{}$$

ELS NOMBRES



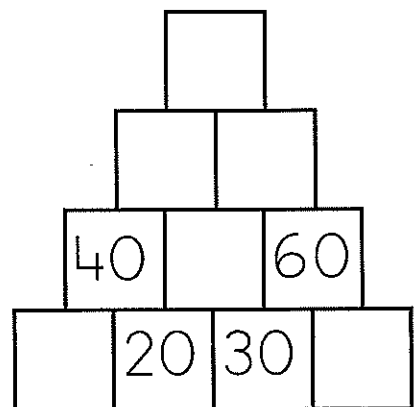
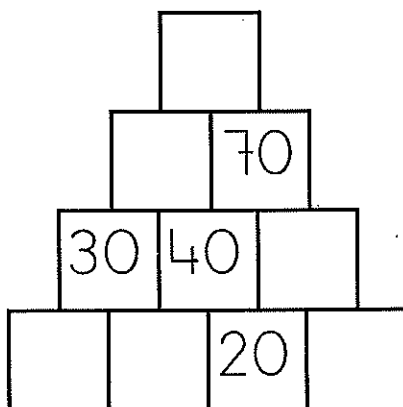
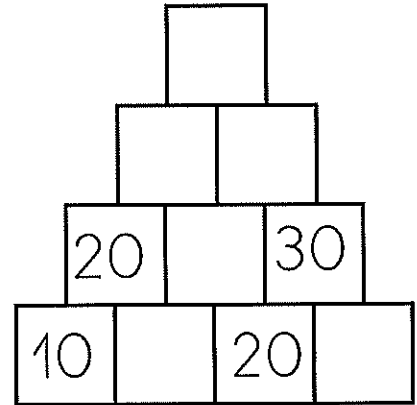
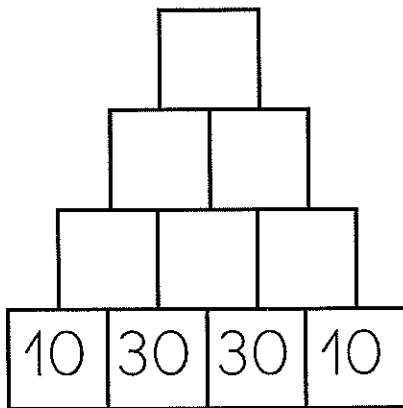
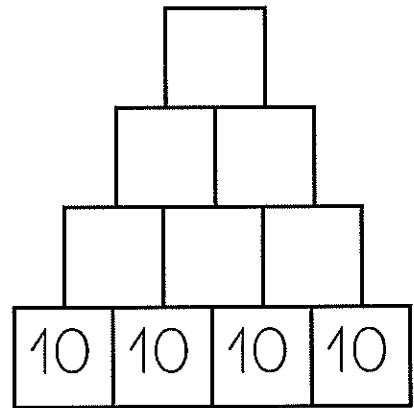
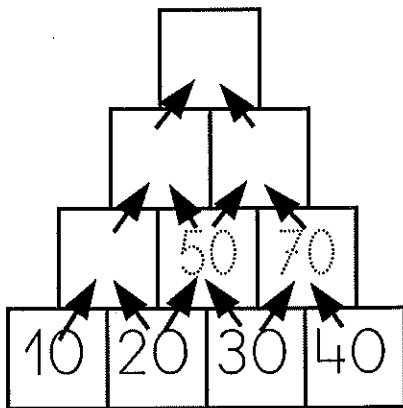
Busca els números que estan mal col·locats:

151	152	153	197	155	156	157	175	159	160
161	162	163	164	165	212	167	168	169	170
171	172	173	174	158	176	177	178	179	180
181	204	183	184	185	186	187	288	189	210
191	192	193	194	226	196	154	198	199	200
201	202	203	182	205	206	207	208	209	190
211	166	213	214	215	216	217	218	219	220
221	222	223	224	225	195	227	228	229	230
231	232	233	234	235	236	237	238	293	240
241	242	243	244	245	246	247	248	249	250
251	282	253	254	255	265	275	258	309	260
261	262	263	264	256	266	267	268	269	270
271	272	273	274	257	276	277	278	279	304
281	252	283	284	285	286	287	188	289	290
291	292	239	294	295	296	297	298	299	300
301	302	303	280	305	306	307	308	259	310

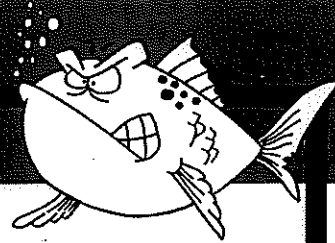
ELS NOMBRES



Suma les rajoles de sota per a completar les piràmides:



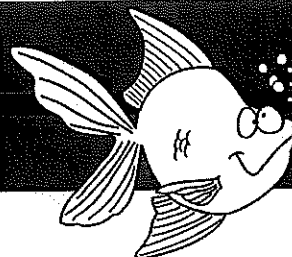
ELS NOMBRES



A construir números!

356	50	300	10	6	400	7	417
	30	100	500	70	5	1	
	8	70	0	500	60	400	
	90	1	10	100	400	5	
	400	4	40	50	5	500	
	6	300	60	200	90	9	
	5	50	500	200	20	3	
	400	5	4	20	100	80	
	600	30	700	50	7	3	
	800	80	900	8	9	10	
	600	4	90	200	50	7	
	3	200	5	80	90	600	
	20	700	100	4	70	3	

ELS NOMBRES



Posa el símbol que toca:

$380 < 400$

$235 \square 172$

$45 \square 106$

$225 \square 205$

$512 \square 307$

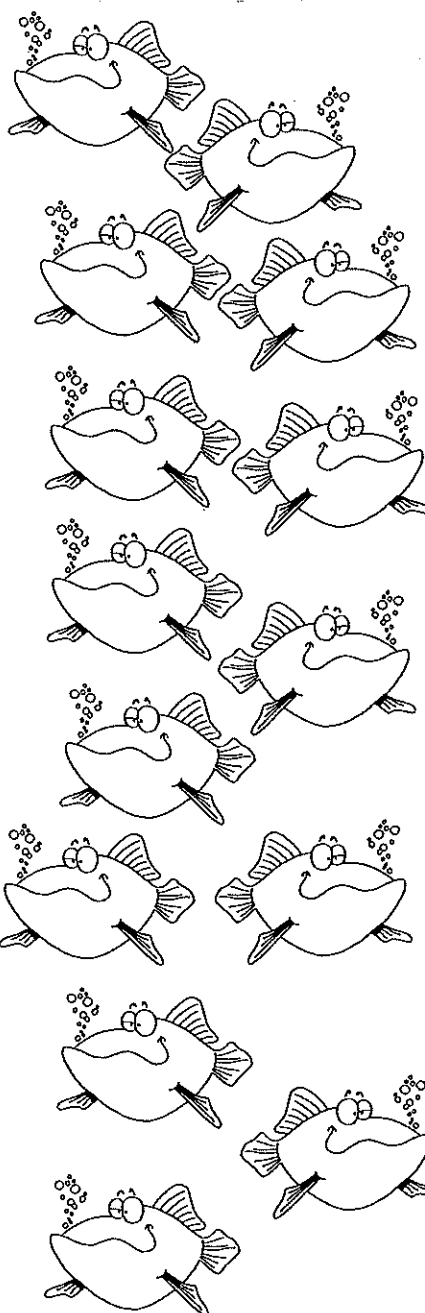
$215 \square 466$

$356 \square 478$

$334 \square 523$

$93 \square 112$

$432 \square 286$



$125 \square 512$

$255 \square 530$

$403 \square 419$

$50 \square 505$

$333 \square 33$

$199 \square 200$

$380 \square 400$

$434 \square 236$

$343 \square 434$

$222 \square 202$

2.10

Estratègies de càlcul

Descompondre en desenes i unitats



1. Com pagaries les següents quantitats amb bitllets de 10 euros i monedes d'1 euro?

15 €	1 bitllet de 10 € 5 monedes d'1 €	$10 + 5 = 15$
32 €		
27 €		
54 €		
85 €		
73 €		
61 €		
40 €		
38 €		
92 €		
26 €		

2.2

Estratègies de càlcul

Sumar 10 a nombres d'una xifra



Què li passa a un número quan li sumem 10?

1. Fes aquestes sumes amb la calculadora i explica què és el que els ha passat als números.

Operació	Solució	Conclusions
$2 + 10$		
$5 + 10$		
$6 + 10$		
$8 + 10$		
$9 + 10$		
$7 + 10$		

2. Suma 10:

$$5 + \text{[10 Euro banknote]} =$$

$$7 + \text{[10 Euro banknote]} =$$

$$8 + \text{[10 Euro banknote]} =$$

$$6 + \text{[10 Euro banknote]} =$$

$$4 + \text{[10 Euro banknote]} =$$

$$2 + \text{[10 Euro banknote]} =$$

1.5

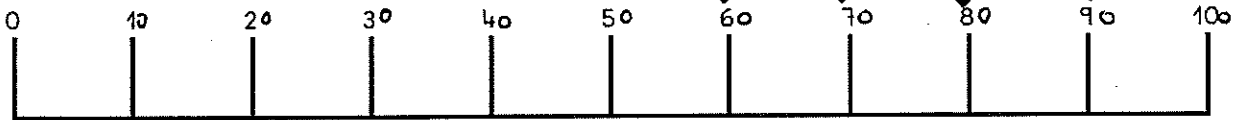
Estratègies de càlcul

Sumar i restar en la recta

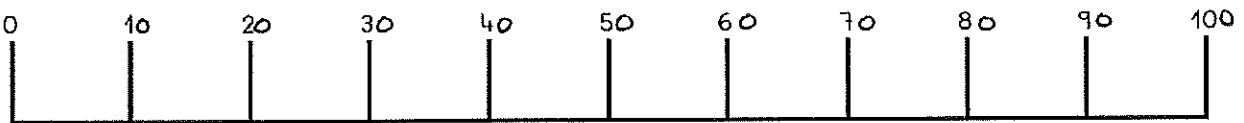


2. Resta en la recta numèrica:

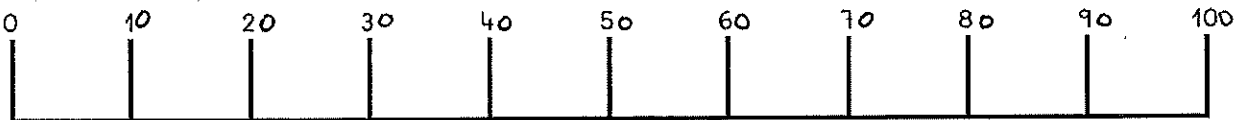
$$90 - 30 = 60$$



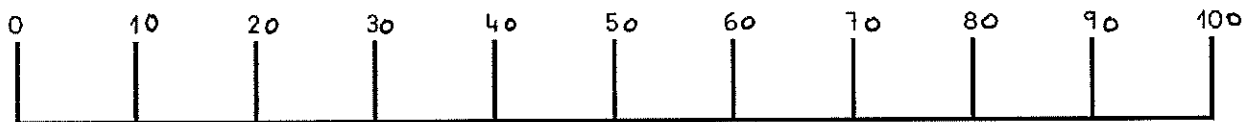
$$70 - 40 = \square$$



$$40 - 10 = \square$$



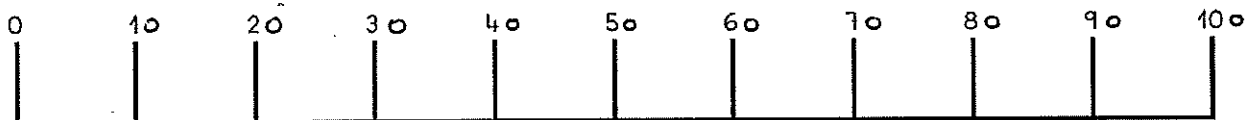
$$90 - 20 = \square$$



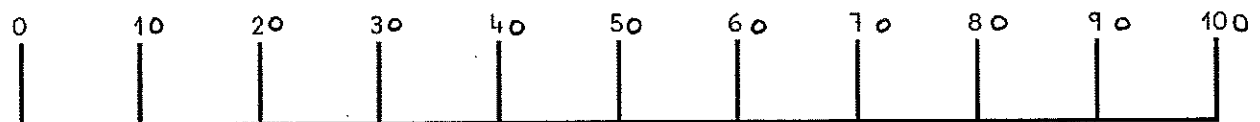
$$60 - 20 = \square$$



$$80 - 30 = \square$$



$$70 - 50 = \square$$



1.4

Estratègies de càlcul

Sumar i restar desenes



1. Investiga amb la calculadora:

$20+30$		
$50+20$		
$10+60$		
$30+50$		
$40+40$		
$50+50$		
$70+20$		

$80-30$		
$60-20$		
$90-60$		
$30-10$		
$70-40$		
$50-20$		
$90-50$		

1.5

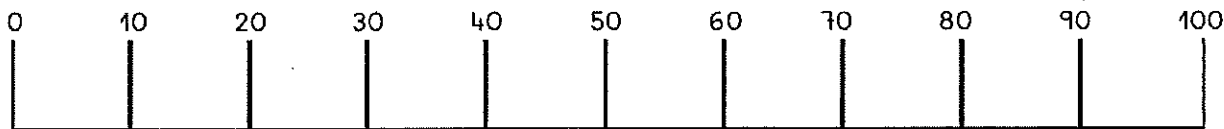
Estratègies de càlcul

Sumar i restar en la recta

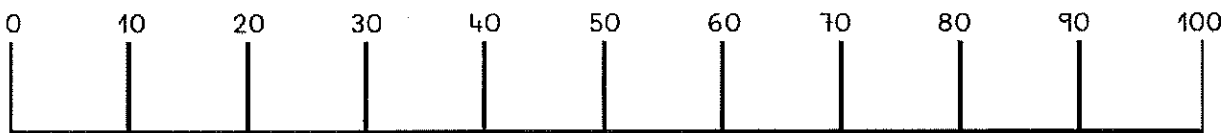


1. Suma amb la recta numèrica:

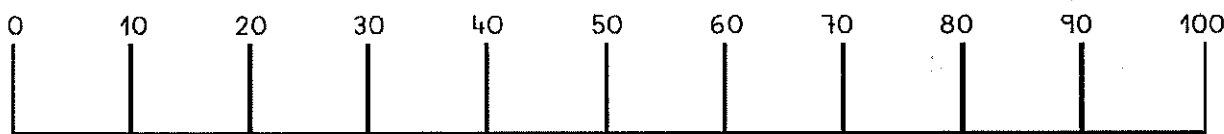
$$60 + 30 = 90$$



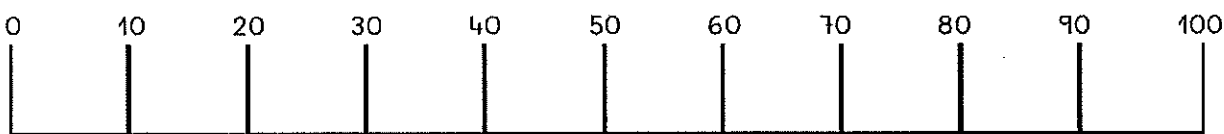
$$40 + 20 = \square$$



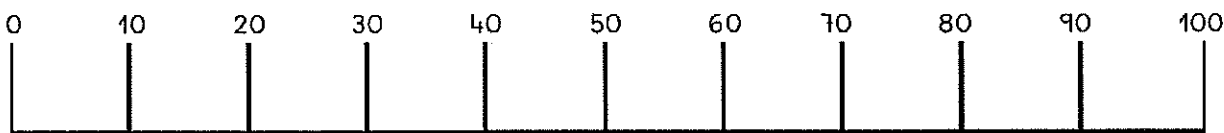
$$50 + 40 = \square$$



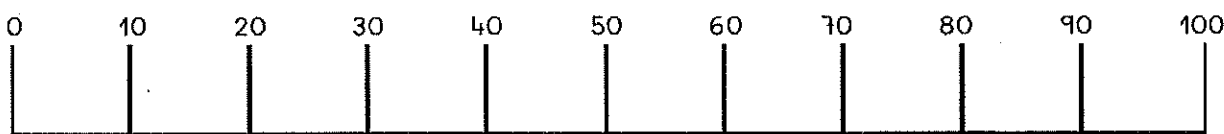
$$30 + 50 = \square$$



$$60 + 20 = \square$$



$$40 + 30 = \square$$



$$50 + 20 = \square$$

