

Naam: _____

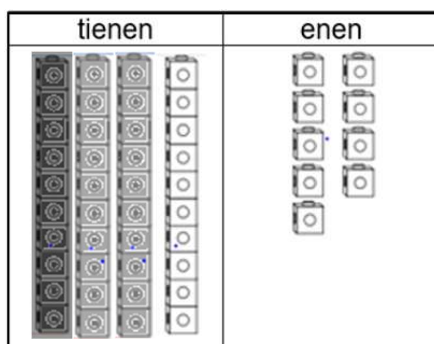
datum: _____

Optellen en aftrekken tot 40 zonder brug.

Deel 1: T + T

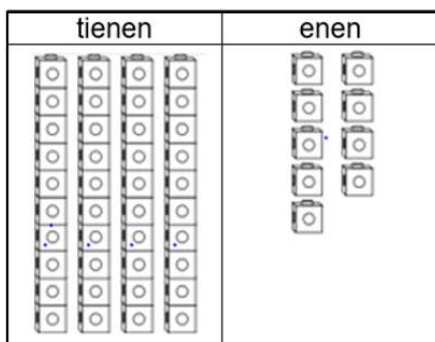
1. Kleur en los op.

$$10 + 20 = \boxed{30}$$



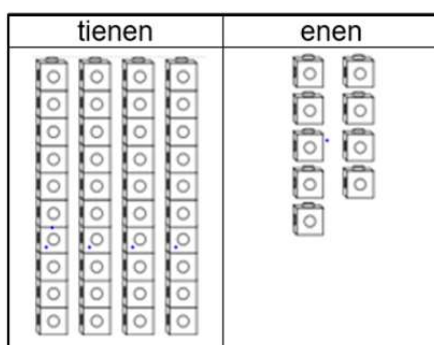
$$\begin{aligned} \boxed{10} + \boxed{20} &= \boxed{1\text{ T}} + \boxed{2\text{ T}} \\ &= \boxed{3\text{ T}} \\ &= \boxed{30} \end{aligned}$$

$$20 + 20 = \boxed{}$$



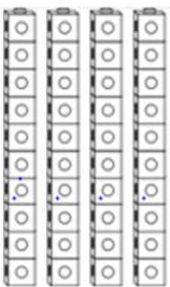
$$\begin{aligned} \boxed{} + \boxed{} &= \boxed{} + \boxed{} \\ &= \boxed{} \\ &= \boxed{} \end{aligned}$$

$$40 + 0 = \boxed{}$$



$$\begin{aligned} \boxed{} + \boxed{} &= \boxed{} + \boxed{} \\ &= \boxed{} \\ &= \boxed{} \end{aligned}$$

$$0 + 20 = \square$$

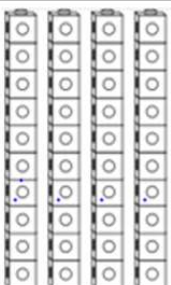
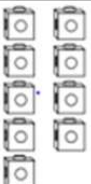
tiennen	enen
	

$$\square + \square = \square + \square$$

$$= \square$$

$$= \square$$

$$20 + 10 = \square$$

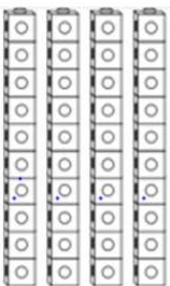
tiennen	enen
	

$$\square + \square = \square + \square$$

$$= \square$$

$$= \square$$

$$30 + 10 = \square$$

tiennen	enen
	

$$\square + \square = \square + \square$$

$$= \square$$

$$= \square$$

2. Los op.

$\begin{aligned} 40 + 0 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$	$\begin{aligned} 30 + 10 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$
$\begin{aligned} 20 + 10 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$	$\begin{aligned} 20 + 20 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$
$\begin{aligned} 10 + 30 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$	$\begin{aligned} 0 + 20 &= \square + \square \\ &= \square \\ &= \square \end{aligned}$

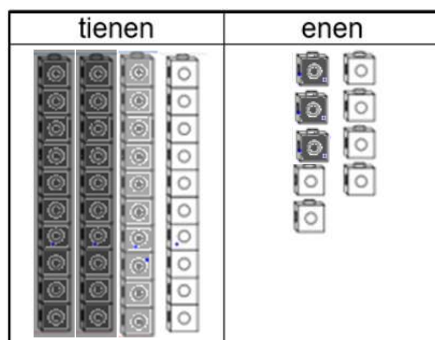
3. Los op.

$30 + 10 = \square$	$10 + 30 = \square$
$40 + 0 = \square$	$20 + 10 = \square$
$20 + 20 = \square$	$0 + 30 = \square$

Deel 2: TE + T

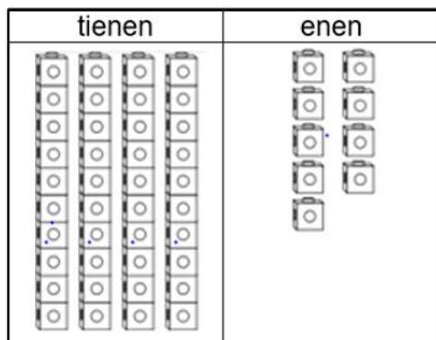
1. Kleur en los op.

$$23 + 10 = \boxed{33}$$



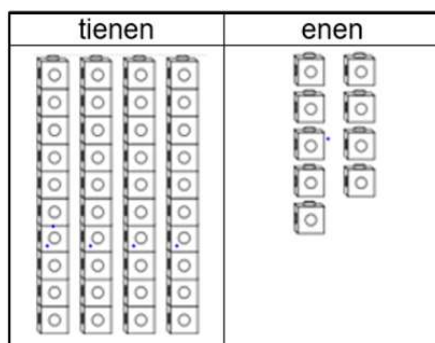
$$\begin{array}{l}
 \boxed{23} + \boxed{10} = \boxed{3} + \boxed{20} + \boxed{10} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{3} \quad \boxed{20} \end{array} = \boxed{3} + \boxed{30} \\
 = \boxed{33}
 \end{array}$$

$$15 + 20 = \boxed{}$$



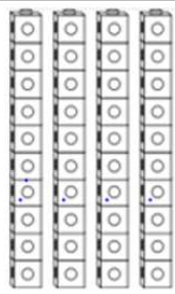
$$\begin{array}{l}
 \boxed{} + \boxed{} = \boxed{} + \boxed{} + \boxed{} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{} \quad \boxed{} \end{array} = \boxed{} + \boxed{} \\
 = \boxed{}
 \end{array}$$

$$26 + 10 = \boxed{}$$



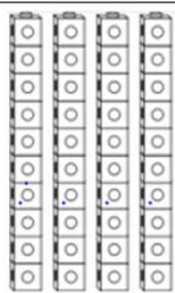
$$\begin{array}{l}
 \boxed{} + \boxed{} = \boxed{} + \boxed{} + \boxed{} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{} \quad \boxed{} \end{array} = \boxed{} + \boxed{} \\
 = \boxed{}
 \end{array}$$

$$18 + 20 = \square$$

tiennen	enen
	

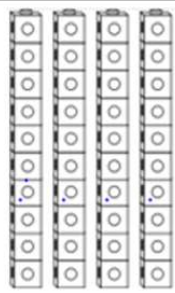
$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

$$12 + 10 = \square$$

tiennen	enen
	

$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

$$29 + 10 = \square$$

tiennen	enen
	

$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

2. Los op.

$\begin{array}{c} 15 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 20 = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 26 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 10 = \square + \square + \square$ $= \square + \square$ $= \square$
$\begin{array}{c} 27 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 10 = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 12 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 10 = \square + \square + \square$ $= \square + \square$ $= \square$
$\begin{array}{c} 28 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 10 = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 19 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + 20 = \square + \square + \square$ $= \square + \square$ $= \square$

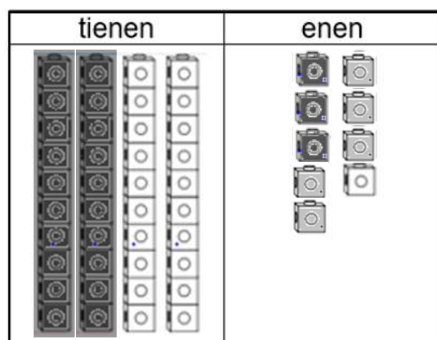
3. Los op.

$24 + 10 = \square$	$15 + 30 = \square$
$22 + 10 = \square$	$28 + 10 = \square$
$11 + 20 = \square$	$14 + 20 = \square$

Deel 3: TE + E

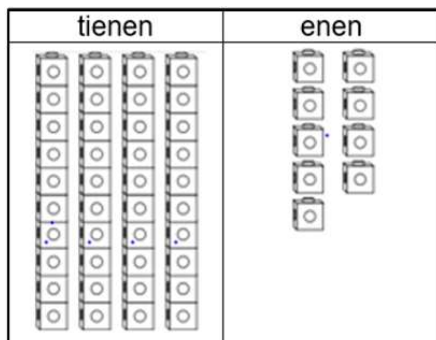
1. Kleur en los op.

$$23 + 5 = 28$$



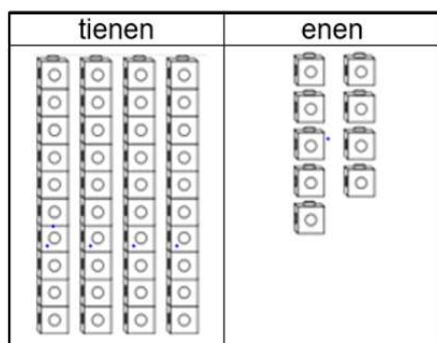
$$\begin{aligned}
 &23 + 5 = 20 + 3 + 5 \\
 &= 20 + 8 \\
 &= 28
 \end{aligned}$$

$$14 + 4 = \square$$



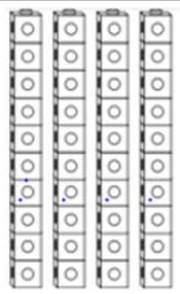
$$\begin{aligned}
 &\square + \square = \square + \square + \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$

$$26 + 1 = \square$$



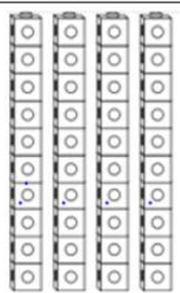
$$\begin{aligned}
 &\square + \square = \square + \square + \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$

$$37 + 2 = \square$$

tienden	enen
	

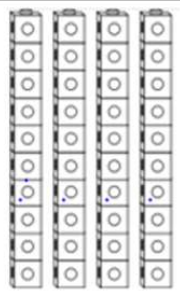
$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

$$12 + 6 = \square$$

tienden	enen
	

$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

$$33 + 6 = \square$$

tienden	enen
	

$$\begin{array}{l}
 \square + \blacksquare = \square + \blacksquare + \blacksquare \\
 \begin{array}{c} \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\
 = \square
 \end{array}$$

2. Los op.

$\begin{array}{c} 15 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{4} = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 26 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{3} = \square + \square + \square$ $= \square + \square$ $= \square$
$\begin{array}{c} 27 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{2} = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 36 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{2} = \square + \square + \square$ $= \square + \square$ $= \square$
$\begin{array}{c} 33 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{5} = \square + \square + \square$ $= \square + \square$ $= \square$	$\begin{array}{c} 12 \\ \swarrow \quad \searrow \\ \square \quad \square \end{array} + \boxed{6} = \square + \square + \square$ $= \square + \square$ $= \square$

3. Los op.

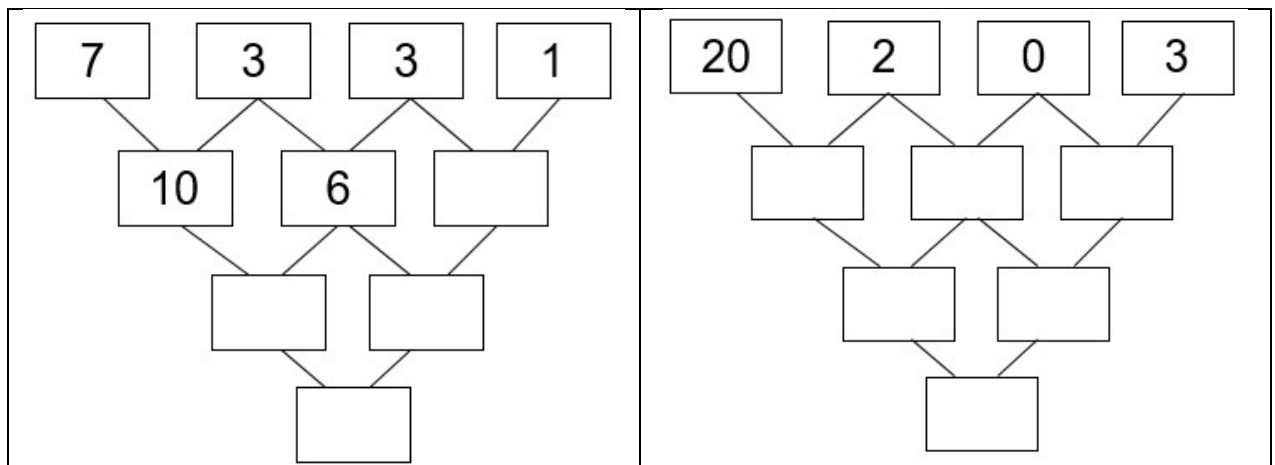
$34 + 2 = \square$	$25 + 3 = \square$
$22 + 6 = \square$	$28 + 1 = \square$
$31 + 5 = \square$	$14 + 2 = \square$

Deel 4: Optellen tot 40 zonder brug.

1. Los op.

$34 + 2 = \square$ $22 + 20 = \square$ $30 + 10 = \square$ $40 + 0 = \square$	$25 + 3 = \square$ $28 + 10 = \square$ $14 + 20 = \square$ $38 + 1 = \square$
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2. Los op.



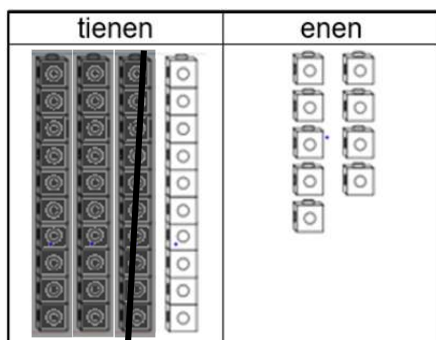
3. Maak samen 34. Kleur wat je samen neemt in dezelfde kleur.

20	24	10	12	20
0	8	2	10	34
32	1	9	14	11
6	10	12	9	4

Deel 5: T - T

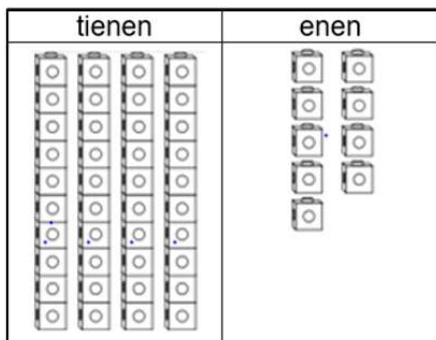
1. Kleur en los op.

$$30 - 10 = \boxed{20}$$



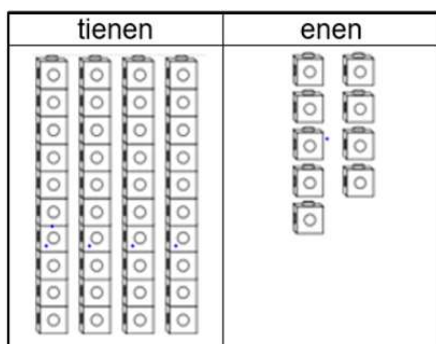
$$\begin{aligned} \boxed{30} - \boxed{10} &= \boxed{3\text{ T}} - \boxed{1\text{ T}} \\ &= \boxed{2\text{ T}} \\ &= \boxed{20} \end{aligned}$$

$$20 - 20 = \boxed{}$$



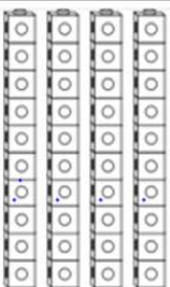
$$\begin{aligned} \boxed{} - \boxed{} &= \boxed{} - \boxed{} \\ &= \boxed{} \\ &= \boxed{} \end{aligned}$$

$$40 - 10 = \boxed{}$$



$$\begin{aligned} \boxed{} - \boxed{} &= \boxed{} - \boxed{} \\ &= \boxed{} \\ &= \boxed{} \end{aligned}$$

$$40 - 30 = \square$$

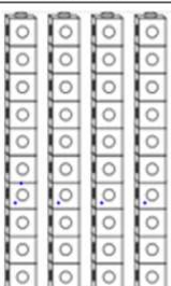
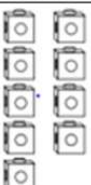
tiennen	enen
	

$$\square - \square = \square - \square$$

$$= \square$$

$$= \square$$

$$20 - 10 = \square$$

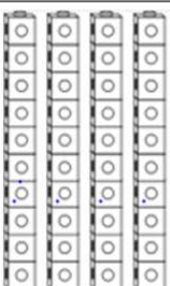
tiennen	enen
	

$$\square - \square = \square - \square$$

$$= \square$$

$$= \square$$

$$30 - 20 = \square$$

tiennen	enen
	

$$\square - \square = \square - \square$$

$$= \square$$

$$= \square$$

2. Los op.

$30 - 10 = \square - \square$ $= \square$ $= \square$	$20 - 10 = \square - \square$ $= \square$ $= \square$
$40 - 30 = \square - \square$ $= \square$ $= \square$	$20 - 20 = \square - \square$ $= \square$ $= \square$
$30 - 20 = \square - \square$ $= \square$ $= \square$	$40 - 20 = \square - \square$ $= \square$ $= \square$

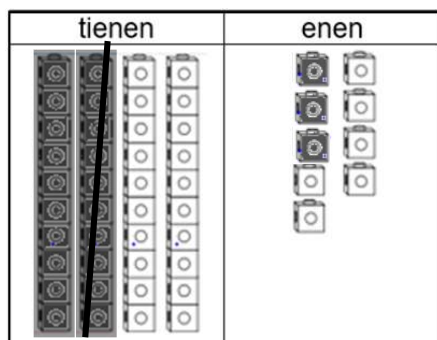
3. Los op.

$30 - 10 = \square$	$30 - 20 = \square$
$40 - 30 = \square$	$20 - 10 = \square$
$30 - 30 = \square$	$40 - 10 = \square$

Deel 6: TE - T

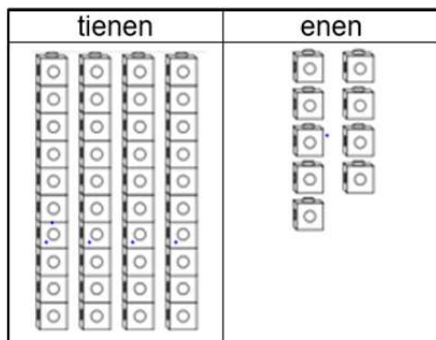
1. Kleur en los op.

$$23 - 10 = 13$$



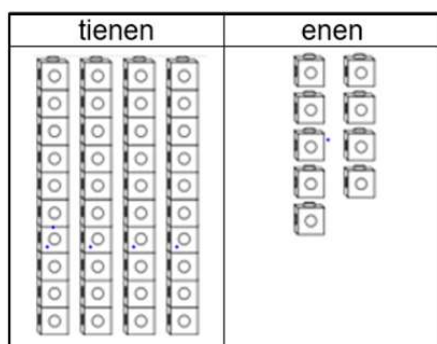
$$\begin{array}{l}
 23 - 10 = 3 + 20 - 10 \\
 \begin{array}{c} 3 \quad 20 \end{array} = 3 + 10 \\
 = 13
 \end{array}$$

$$35 - 20 = \square$$



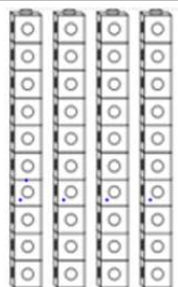
$$\begin{array}{l}
 \square - \square = \square + \square - \square \\
 \begin{array}{c} \square \quad \square \end{array} = \square + \square \\
 = \square
 \end{array}$$

$$26 - 20 = \square$$



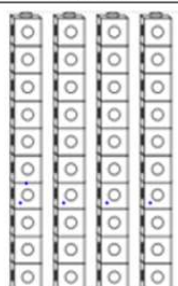
$$\begin{array}{l}
 \square - \square = \square + \square - \square \\
 \begin{array}{c} \square \quad \square \end{array} = \square + \square \\
 = \square
 \end{array}$$

$$38 - 20 = \square$$

tiennen	enen
	

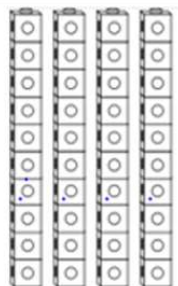
$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \swarrow \quad \searrow \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

$$32 - 20 = \square$$

tiennen	enen
	

$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \swarrow \quad \searrow \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

$$29 - 10 = \square$$

tiennen	enen
	

$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \swarrow \quad \searrow \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

4. Los op.

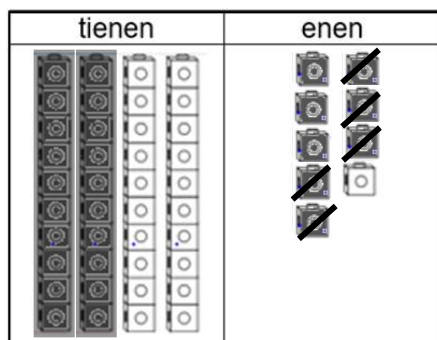
$\begin{array}{c} 24 - 10 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 26 - 20 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$
$\begin{array}{c} 34 - 20 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 27 - 10 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$
$\begin{array}{c} 38 - 30 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 31 - 20 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$

5. Los op.

$24 - 10 = \square$	$35 - 30 = \square$
$22 - 10 = \square$	$28 - 10 = \square$
$31 - 20 = \square$	$34 - 20 = \square$

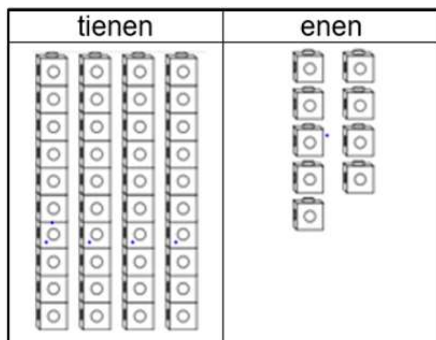
1. Kleur en los op.

$$28 - 5 = \boxed{23}$$



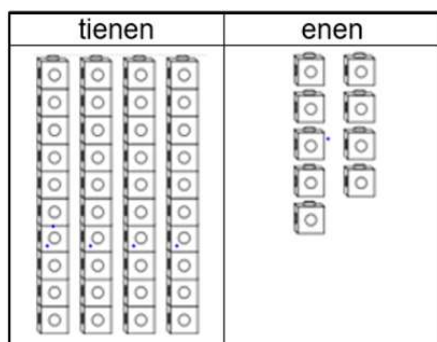
$$\begin{array}{l}
 \boxed{28} - \boxed{5} = \boxed{20} + \boxed{8} - \boxed{5} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{20} \quad \boxed{8} \end{array} = \boxed{20} + \boxed{3} \\
 = \boxed{23}
 \end{array}$$

$$34 - 4 = \boxed{}$$



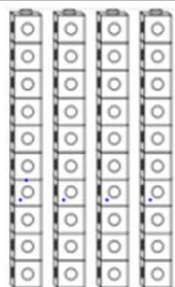
$$\begin{array}{l}
 \boxed{} - \boxed{} = \boxed{} + \boxed{} - \boxed{} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{} \quad \boxed{} \end{array} = \boxed{} + \boxed{} \\
 = \boxed{}
 \end{array}$$

$$26 - 1 = \boxed{}$$



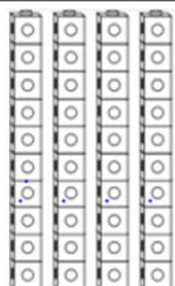
$$\begin{array}{l}
 \boxed{} - \boxed{} = \boxed{} + \boxed{} - \boxed{} \\
 \begin{array}{c} \diagup \quad \diagdown \\ \boxed{} \quad \boxed{} \end{array} = \boxed{} + \boxed{} \\
 = \boxed{}
 \end{array}$$

$$27 - 7 = \square$$

tienden	enen
	

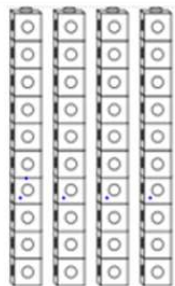
$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

$$18 - 6 = \square$$

tienden	enen
	

$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

$$39 - 6 = \square$$

tienden	enen
	

$$\begin{array}{l} \square - \blacksquare = \square + \blacksquare - \blacksquare \\ \begin{array}{c} \square \\ \diagup \quad \diagdown \\ \square \quad \blacksquare \end{array} = \square + \blacksquare \\ = \square \end{array}$$

4. Los op.

$\begin{array}{c} 27 - 6 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 26 - 4 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$
$\begin{array}{c} 36 - 5 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 15 - 3 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$
$\begin{array}{c} 33 - 2 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$	$\begin{array}{c} 12 - 2 = \square + \square - \square \\ \swarrow \quad \searrow \\ \square \quad \square \\ \quad \quad \quad = \square + \square \\ \quad \quad \quad = \square \end{array}$

5. Los op.

$34 - 2 = \square$	$25 - 3 = \square$
$26 - 6 = \square$	$28 - 1 = \square$
$39 - 5 = \square$	$14 - 2 = \square$

Deel 8: Aftrekken tot 40 zonder brug.

1. Los op.

$34 - 2 = \square$

$22 - 20 = \square$

$40 - 30 = \square$

$36 - 6 = \square$

$25 - 3 = \square$

$30 - 10 = \square$

$14 - 2 = \square$

$38 - 1 = \square$

2. Welk getal stelt elke tekening voor?

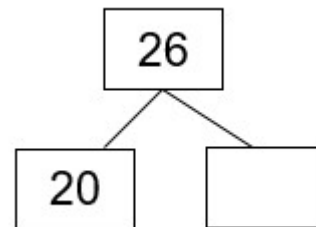
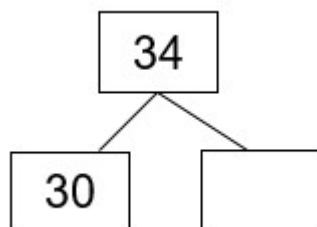
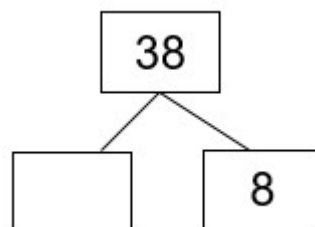
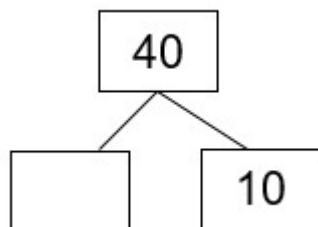
 +  +  = 30

 +  +  = 20

 +  +  = 9



3. Welk getal ontbreekt?



Deel 9: Optellen en aftrekken tot 40 zonder brug.

1. Los op.

$34 - 2 = \square$

$22 - 20 = \square$

$10 + 30 = \square$

$36 - 6 = \square$

$20 + 20 = \square$

$36 - 30 = \square$

$25 + 3 = \square$

$30 - 10 = \square$

$14 + 2 = \square$

$38 - 1 = \square$

$40 - 40 = \square$

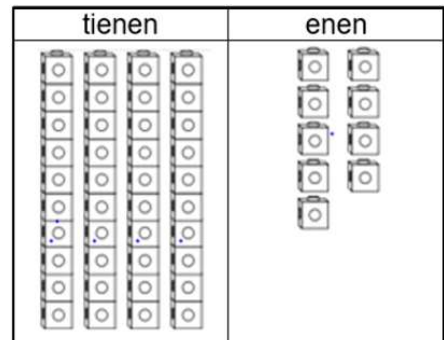
$36 + 3 = \square$

2. Lees, kleur en los op.

Er zitten 20 jongens in de klas en 5 meisjes.
Hoeveel kinderen zitten er in totaal in de klas?

$\square = \square$

Er zitten in totaal $\square$ kinderen in de klas.



Mama heeft in totaal 34 pannenkoeken gebakken voor mijn verjaardag. Op mijn feestje werden er 20 pannenkoeken opgegeten. Hoeveel pannenkoeken blijven er nog over?

$\square = \square$

Er blijven $\square$ pannenkoeken over.

