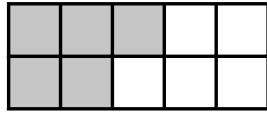
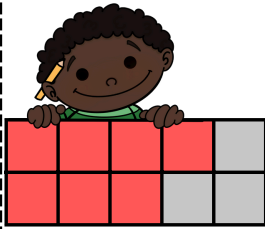


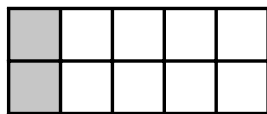
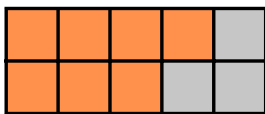
optellen tot 20 met brug

Een voorbeeld

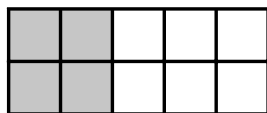
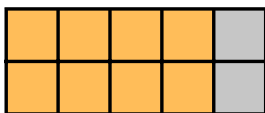
Je legt eerst 7 blokjes.
Er komen nog 8 blokjes bij.
De 8 blokjes moet je splitsen....



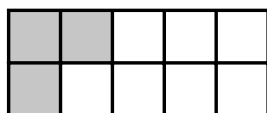
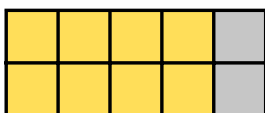
$$\begin{array}{r}
 7 + 8 = 10 + 5 = 15 \\
 \text{.....} \\
 \begin{array}{r}
 10 \\
 \text{.....} \\
 3 \quad 5 \\
 \text{.....} \quad \text{.....}
 \end{array}
 \end{array}$$



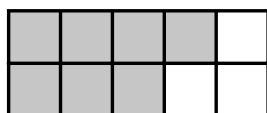
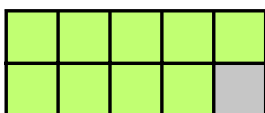
$$\begin{array}{r}
 7 + 5 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



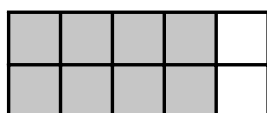
$$\begin{array}{r}
 8 + 6 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



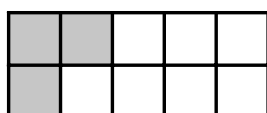
$$\begin{array}{r}
 8 + 5 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



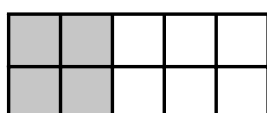
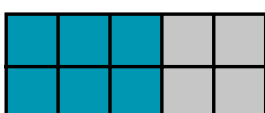
$$\begin{array}{r}
 9 + 8 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



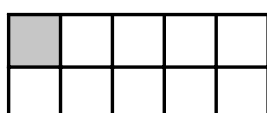
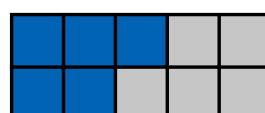
$$\begin{array}{r}
 9 + 9 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



$$\begin{array}{r}
 6 + 7 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$



$$\begin{array}{r}
 6 + 8 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$

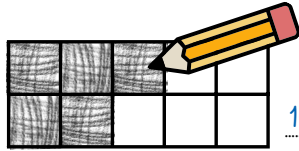
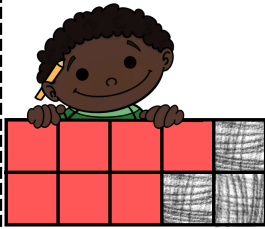


$$\begin{array}{r}
 5 + 6 = \text{.....} \\
 \text{.....} \\
 \text{.....}
 \end{array}$$

optellen tot 20 met brug

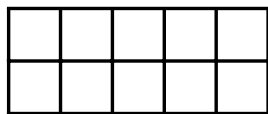
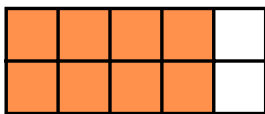
Een voorbeeld

Je legt eerst 7 blokjes.
Er komen nog 8 blokjes bij.
Kleur zelf de blokjes.

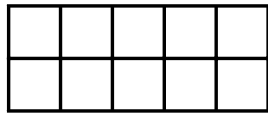
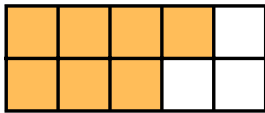


$$7 + 8 = 10 + 5 = 15$$

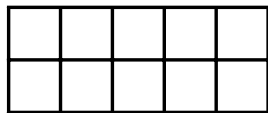
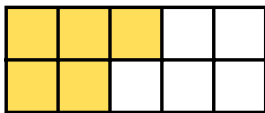
10 3 5



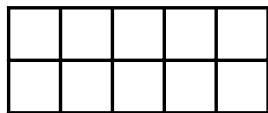
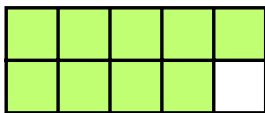
$$8 + 5 = \dots$$



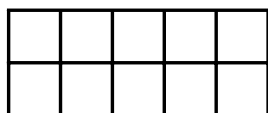
$$7 + 6 = \dots$$



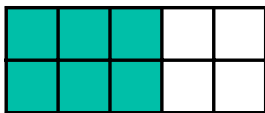
$$5 + 7 = \dots$$



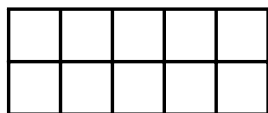
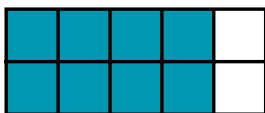
$$9 + 7 = \dots$$



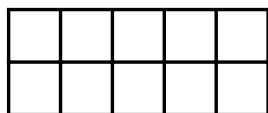
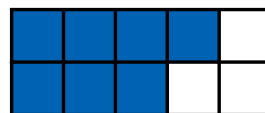
$$7 + 9 = \dots$$



$$6 + 8 = \dots$$



$$8 + 4 = \dots$$



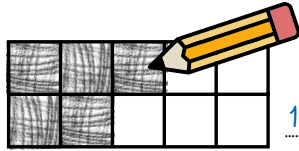
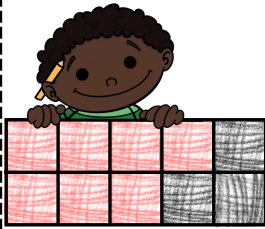
$$7 + 4 = \dots$$

optellen tot 20

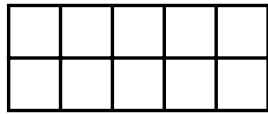
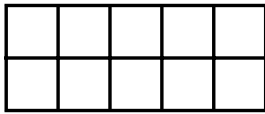
met brug

Een voorbeeld

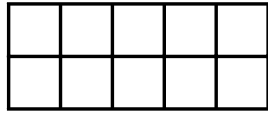
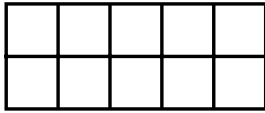
Je kleur eerst 7 blokjes.
 Er komen nog 8 blokjes bij.
 Kleur **nu** 8 blokjes bij in een andere kleur.



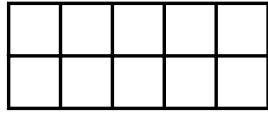
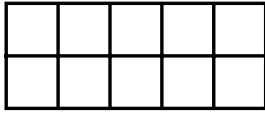
$$\begin{array}{r}
 7 + 8 = 10 + 5 = 15 \\
 \begin{array}{l}
 3 \\
 \hline
 5
 \end{array}
 \end{array}$$



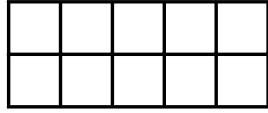
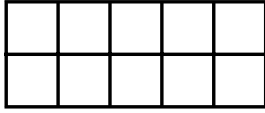
$$\begin{array}{r}
 9 + 3 = \dots\dots\dots \\
 \begin{array}{l}
 3 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



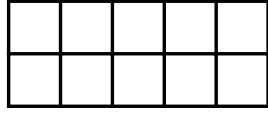
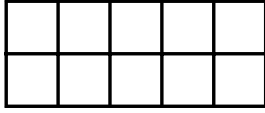
$$\begin{array}{r}
 5 + 7 = \dots\dots\dots \\
 \begin{array}{l}
 7 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



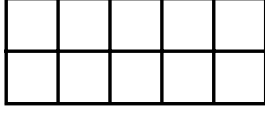
$$\begin{array}{r}
 7 + 4 = \dots\dots\dots \\
 \begin{array}{l}
 4 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



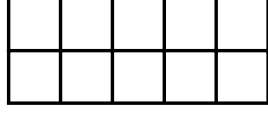
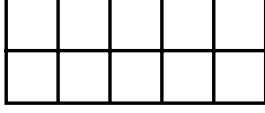
$$\begin{array}{r}
 8 + 4 = \dots\dots\dots \\
 \begin{array}{l}
 4 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



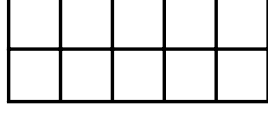
$$\begin{array}{r}
 6 + 6 = \dots\dots\dots \\
 \begin{array}{l}
 6 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



$$\begin{array}{r}
 2 + 9 = \dots\dots\dots \\
 \begin{array}{l}
 9 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$



$$\begin{array}{r}
 8 + 5 = \dots\dots\dots \\
 \begin{array}{l}
 5 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$

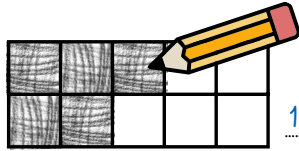
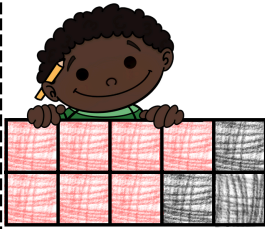


$$\begin{array}{r}
 9 + 4 = \dots\dots\dots \\
 \begin{array}{l}
 4 \\
 \hline
 \dots\dots\dots
 \end{array}
 \end{array}$$

optellen tot 20 met brug

Een voorbeeld

Je kleur eerst 7 blokjes.
Er komen nog 8 blokjes bij.
Kleur nu 8 blokjes bij in een andere kleur.



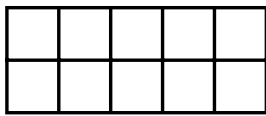
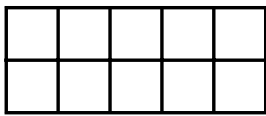
$$7 + 8 = 10 + 5 = 15$$

10 3 5

Schrijf op 2 manieren.

$$7 + 8 = 15$$

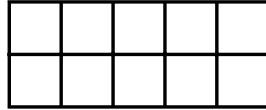
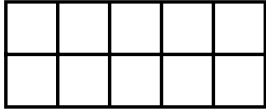
$$8 + 7 = 15$$



$$8 + 3 = \dots$$

$$\dots + \dots = \dots$$

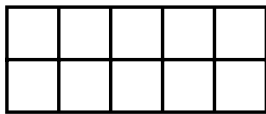
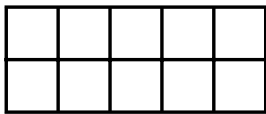
$$\dots + \dots = \dots$$



$$6 + 8 = \dots$$

$$\dots + \dots = \dots$$

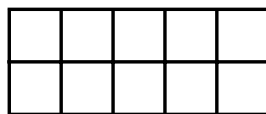
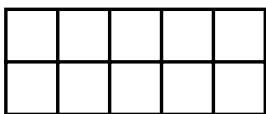
$$\dots + \dots = \dots$$



$$3 + 9 = \dots$$

$$\dots + \dots = \dots$$

$$\dots + \dots = \dots$$



$$4 + 7 = \dots$$

$$\dots + \dots = \dots$$

$$\dots + \dots = \dots$$

optellen tot 20

met brug

- vraagstukken oplossen -



Je kan dit gebruiken voor je blokjes.

Juf An legt **5 mutsen** in de gang.
Ze legt er nog **6 mutsen bij**.
Hoeveel mutsen liggen er in de gang?



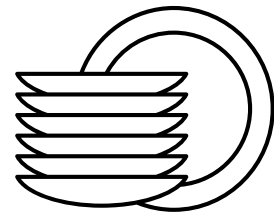
Bewerking

.....
.....
.....

Antwoord

Er liggen mutsen in de gang.

Er staan al **7 borden** op de tafel.
Papa zet er **5 borden bij**.
Hoeveel borden liggen er op de tafel?



Bewerking

.....
.....
.....

Antwoord

Er liggen..... borden op tafel.