

# Complémentaires de 5

☐ Écris les chiffres manquants.



$$\boxed{3} + \boxed{2} = 5$$

doigts levés      doigts baissés      en tout



$$\boxed{4} + \boxed{1} = 5$$

doigts levés      doigts baissés      en tout



$$\boxed{1} + \boxed{4} = 5$$

doigts levés      doigts baissés      en tout



$$\boxed{0} + \boxed{5} = 5$$

doigts levés      doigts baissés      en tout



3  
doigts  
levés

+

2  
doigts  
baissés

=

5  
en tout

☐ Lève le bon nombre de doigts.  
Combien ne sont pas levés?

$$1 + \boxed{4} = 5$$

$$4 + \boxed{1} = 5$$

$$\begin{array}{r} 2 \\ + \boxed{3} \\ \hline 5 \end{array}$$

$$\begin{array}{r} \boxed{4} \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \boxed{2} \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ + \boxed{0} \\ \hline 5 \end{array}$$

$$5 - 1 = \boxed{4}$$

$$5 - 2 = \boxed{3}$$

$$\boxed{2} = 5 - 3$$

$$5 - 5 = \boxed{0}$$

# Faits d'addition

☐ Additionne en te souvenant.

$$2 + 3 = \underline{5}$$

$$1 + 2 = \underline{3}$$

$$4 + 1 = \underline{5}$$

$$2 + 1 = \underline{3}$$

$$1 + 1 = \underline{2}$$

$$3 + 2 = \underline{5}$$

$$3 + 3 = \underline{6}$$

$$1 + 4 = \underline{5}$$

$$1 + 3 = \underline{4}$$

$$3 + 1 = \underline{4}$$

$$2 + 2 = \underline{4}$$

$$4 + 4 = \underline{8}$$

$$5 + 5 = \underline{10}$$

**Bonus**

$$2 + 1 + 2 = \underline{5}$$

# Faits de soustraction

☐ Soustrais en te souvenant.

$$3 - 2 = \underline{1}$$

$$2 - 1 = \underline{1}$$

$$4 - 1 = \underline{3}$$

$$4 - 2 = \underline{2}$$

$$5 - 2 = \underline{3}$$

$$5 - 1 = \underline{4}$$

$$5 - 4 = \underline{1}$$

$$4 - 3 = \underline{1}$$

$$5 - 3 = \underline{2}$$

$$3 - 1 = \underline{2}$$

$$2 - 2 = \underline{0}$$

$$6 - 3 = \underline{3}$$

$$8 - 4 = \underline{4}$$

$$10 - 5 = \underline{5}$$

# Utilisation du chiffre 5 pour additionner

☐ Entoure les deux chiffres pour obtenir 5.

$$\textcircled{2} \textcircled{3} 4$$

$$\textcircled{1} 3 \textcircled{4}$$

$$1 \textcircled{2} \textcircled{3}$$

$$\textcircled{1} 2 \textcircled{4}$$

$$\textcircled{4} \textcircled{1} 3$$

$$\textcircled{3} 4 \textcircled{2}$$

☐ Entoure les deux chiffres pour obtenir 5.

☐ Écris le chiffre restant.

$$\textcircled{2} + \textcircled{3} + 4 = 5 + \boxed{4}$$

$$\textcircled{4} + \textcircled{1} + 3 = 5 + \boxed{3}$$

$$3 + \textcircled{1} + \textcircled{4} = 5 + \boxed{3}$$

$$\textcircled{0} + 3 + \textcircled{5} = 5 + \boxed{3}$$

$$4 + \textcircled{3} + \textcircled{2} = 5 + \boxed{4}$$

- ☐ Entoure les deux chiffres pour obtenir 5.
- ☐ Utilise 5 pour additionner.

$$\begin{aligned} & \textcircled{4} + \textcircled{1} + 3 \\ & = 5 + \boxed{3} \\ & = \boxed{8} \end{aligned}$$

$$\begin{aligned} & \textcircled{2} + \textcircled{3} + 4 \\ & = 5 + \boxed{4} \\ & = \boxed{9} \end{aligned}$$

$$\begin{aligned} & 3 + \textcircled{1} + \textcircled{4} \\ & = 5 + \boxed{3} \\ & = \boxed{8} \end{aligned}$$

$$\begin{aligned} & \textcircled{3} + 4 + \textcircled{2} \\ & = 5 + \boxed{4} \\ & = \boxed{9} \end{aligned}$$

$$\begin{aligned} & \textcircled{2} + 4 + \textcircled{3} \\ & = 5 + \boxed{4} \\ & = \boxed{9} \end{aligned}$$

$$\begin{aligned} & \textcircled{3} + 1 + \textcircled{2} \\ & = 5 + \boxed{1} \\ & = \boxed{6} \end{aligned}$$

$$\begin{aligned} & 1 + \textcircled{2} + \textcircled{3} \\ & = 5 + \boxed{1} \\ & = \boxed{6} \end{aligned}$$

$$\begin{aligned} & 2 + \textcircled{1} + \textcircled{4} \\ & = 5 + \boxed{2} \\ & = \boxed{7} \end{aligned}$$

$$\begin{aligned} & \textcircled{4} + 3 + \textcircled{1} \\ & = 5 + \boxed{3} \\ & = \boxed{8} \end{aligned}$$

$$4 + \textcircled{3} + \textcircled{2} = \boxed{9}$$

$$\textcircled{4} + 2 + \textcircled{1} = \boxed{7}$$

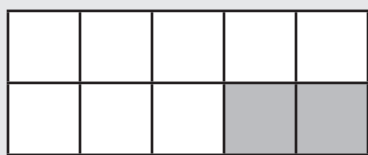
$$\textcircled{3} + \textcircled{2} + 1 = \boxed{6}$$

$$3 + \textcircled{4} + \textcircled{1} = \boxed{8}$$

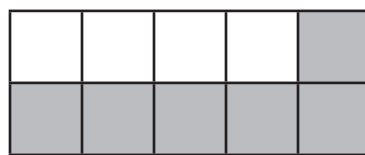
# Complémentaires de 10

Combien ne sont pas ombragés? Combien sont ombragés?

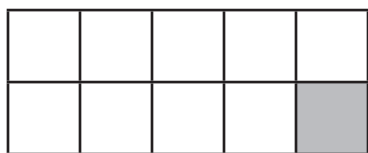
☐ Remplis la phrase d'addition.



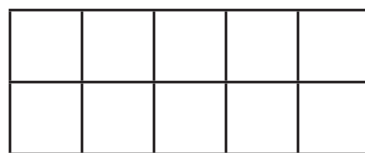
$$\underline{8} + \underline{2} = 10$$



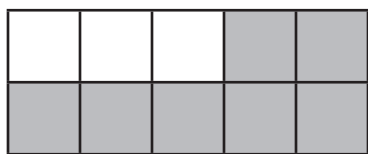
$$\underline{4} + \underline{6} = 10$$



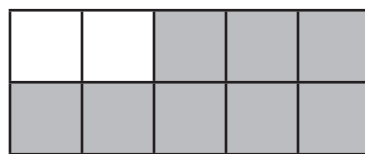
$$\underline{9} + \underline{1} = 10$$



$$\underline{10} + \underline{0} = 10$$



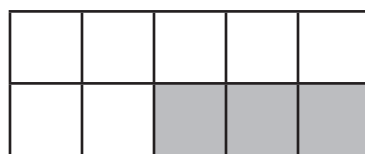
$$\underline{3} + \underline{7} = 10$$



$$\underline{2} + \underline{8} = 10$$



$$\underline{1} + \underline{9} = 10$$



$$\underline{7} + \underline{3} = 10$$



$$\begin{array}{ccccccc} 7 & + & 3 & = & 10 \\ \text{levés} & & \text{baissés} & & \text{en tout} \end{array}$$

☐ Lève le bon nombre de doigts.  
Combien ne sont pas levés?

$$4 + \boxed{6} = 10$$

$$5 + \boxed{5} = 10$$

$$\begin{array}{r} 8 \\ + \boxed{2} \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{7} \\ \hline 10 \end{array}$$

$$\begin{array}{r} \boxed{1} \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ + \boxed{0} \\ \hline 10 \end{array}$$

$$10 - 3 = \boxed{7}$$

$$10 - 2 = \boxed{8}$$

$$\boxed{6} = 10 - 4$$

$$10 - 5 = \boxed{5}$$



# Utilisation du chiffre 10 pour additionner

☐ Entoure les deux chiffres pour obtenir 10.

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

☐ Entoure les deux chiffres pour obtenir 10.

☐ Écris le chiffre restant.

<div> <div>8</div> <div>+</div> <div>2</div> <div>+</div> <div>5</div> <div>=</div> <div>10</div> <div>+</div> <div>5</div> </div>
<div> <div>4</div> <div>+</div> <div>6</div> <div>+</div> <div>3</div> <div>=</div> <div>10</div> <div>+</div> <div>3</div> </div>
<div> <div>2</div> <div>+</div> <div>9</div> <div>+</div> <div>1</div> <div>=</div> <div>10</div> <div>+</div> <div>2</div> </div>
<div> <div>6</div> <div>+</div> <div>7</div> <div>+</div> <div>4</div> <div>=</div> <div>10</div> <div>+</div> <div>7</div> </div>
<div> <div>4</div> <div>+</div> <div>3</div> <div>+</div> <div>7</div> <div>=</div> <div>10</div> <div>+</div> <div>4</div> </div>

- ☐ Entoure les deux chiffres pour obtenir 10.
- ☐ Utilise 10 pour additionner.

$$\begin{aligned} & \textcircled{8} + 3 + \textcircled{2} \\ &= 10 + \boxed{3} \\ &= \boxed{13} \end{aligned}$$

$$\begin{aligned} & 2 + \textcircled{7} + \textcircled{3} \\ &= 10 + \boxed{2} \\ &= \boxed{12} \end{aligned}$$

$$\begin{aligned} & \textcircled{1} + 8 + \textcircled{9} \\ &= 10 + \boxed{8} \\ &= \boxed{18} \end{aligned}$$

$$\begin{aligned} & \textcircled{3} + \textcircled{7} + 4 \\ &= 10 + \boxed{4} \\ &= \boxed{14} \end{aligned}$$

$$\begin{aligned} & \textcircled{4} + 5 + \textcircled{6} \\ &= 10 + \boxed{5} \\ &= \boxed{15} \end{aligned}$$

$$\begin{aligned} & \textcircled{5} + \textcircled{5} + 6 \\ &= 10 + \boxed{6} \\ &= \boxed{16} \end{aligned}$$

$$\begin{aligned} & \textcircled{9} + 2 + \textcircled{1} \\ &= 10 + \boxed{2} \\ &= \boxed{12} \end{aligned}$$

$$\begin{aligned} & 3 + \textcircled{2} + \textcircled{8} \\ &= 10 + \boxed{3} \\ &= \boxed{13} \end{aligned}$$

$$\begin{aligned} & 4 + \textcircled{5} + \textcircled{5} \\ &= 10 + \boxed{4} \\ &= \boxed{14} \end{aligned}$$

$$\begin{aligned} & \textcircled{8} + 4 + \textcircled{2} \\ &= 10 + \boxed{4} \\ &= \boxed{14} \end{aligned}$$

$$\begin{aligned} & \textcircled{7} + \textcircled{3} + 9 \\ &= 10 + \boxed{9} \\ &= \boxed{19} \end{aligned}$$

$$\begin{aligned} & \textcircled{6} + \textcircled{4} + 8 \\ &= 10 + \boxed{8} \\ &= \boxed{18} \end{aligned}$$

# Obtenir 10 pour additionner

☐ Utilise le groupe de 10 pour t'aider à additionner.

7 5

$7 + 5 = 10 + \underline{2} = \underline{12}$

8 6

$8 + 6 = 10 + \underline{4} = \underline{14}$

9 7

$9 + 7 = 10 + \underline{6} = \underline{16}$

8 8

$8 + 8 = 10 + \underline{6} = \underline{16}$

7 6

$7 + 6 = 10 + \underline{3} = \underline{13}$

4 8

$4 + 8 = 10 + \underline{2} = \underline{12}$

Yu groupe 10 de deux façons. Est-ce que les réponses sont identiques?

3 9

$3 + 9 = 10 + \underline{2} = \underline{12}$

3 9

$3 + 9 = 10 + \underline{2} = \underline{12}$

- ☐ Entoure un groupe de 10.
- ☐ Utilise 10 pour additionner.

4                      7

$4 + 7 = 10 + \underline{1} = \underline{11}$

Exemple de réponse

8                      6

$8 + 6 = 10 + \underline{4} = \underline{14}$

Exemple de réponse

9                      4

$9 + 4 = 10 + \underline{3} = \underline{13}$

Exemple de réponse

9                      2

$9 + 2 = 10 + \underline{1} = \underline{11}$

Exemple de réponse

7                      7

$7 + 7 = 10 + \underline{4} = \underline{14}$

Exemple de réponse

Dessine les points.

6                      9

$6 + 9 = 10 + \underline{5} = \underline{15}$

# Régularités dans les additions

☐ Colorie le bon nombre de coeurs.

☐ Termine la phrase d'addition.

$$\begin{array}{ccccccc} 0 & + & \boxed{4} & = & 4 & & \heartsuit \heartsuit \heartsuit \heartsuit \\ \text{coloré} & & \text{non colorés} & & & & \end{array}$$

$$\begin{array}{ccccccc} 1 & + & \boxed{3} & = & 4 & & \heartsuit \heartsuit \heartsuit \heartsuit \\ \text{coloré} & & \text{non colorés} & & & & \end{array}$$

$$\begin{array}{ccccccc} 2 & + & \boxed{2} & = & 4 & & \heartsuit \heartsuit \heartsuit \heartsuit \\ \text{coloré} & & \text{non colorés} & & & & \end{array}$$

$$\begin{array}{ccccccc} 3 & + & \boxed{1} & = & 4 & & \heartsuit \heartsuit \heartsuit \heartsuit \\ \text{coloré} & & \text{non colorés} & & & & \end{array}$$

$$\begin{array}{ccccccc} 4 & + & \boxed{0} & = & 4 & & \heartsuit \heartsuit \heartsuit \heartsuit \\ \text{coloré} & & \text{non colorés} & & & & \end{array}$$

Avec le nombre de  qui augmente de 1,  
le nombre de  baisse de 1.

☐ Complète la phrase d'addition.



$$\boxed{0} + \boxed{5} = \boxed{5}$$



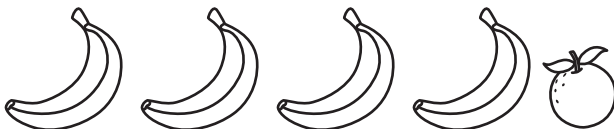
$$\boxed{1} + \boxed{4} = \boxed{5}$$



$$\boxed{2} + \boxed{3} = \boxed{5}$$



$$\boxed{3} + \boxed{2} = \boxed{5}$$



$$\boxed{4} + \boxed{1} = \boxed{5}$$



$$\boxed{5} + \boxed{0} = \boxed{5}$$

Quel chiffre se répète tout le temps? 5

Quand le 1er chiffre augment de 1,  
le 2e chiffre baisse de 1.

# Un de plus, un de moins

$$3 + 2 = 5$$

donc  $4 + 2 = \underline{6}$



$$7 + 3 = 10$$

donc  $8 + 3 = \underline{11}$



$$8 + 2 = 10$$

donc  $9 + 2 = \underline{11}$



$$6 + 4 = 10$$

donc  $6 + 5 = \underline{11}$



$$4 + 1 = 5$$

donc  $4 + 2 = \underline{6}$

$$4 + 1 = 5$$

$$4 + 2 = \underline{6}$$

$$6 + 4 = 10$$

donc  $7 + 4 = \underline{11}$

$$6 + 4 = 10$$

$$7 + 4 = \underline{11}$$

$$5 + 6 = \underline{11}$$

$$3 + 3 = \underline{6}$$

$7 + 3 = 10$   
donc  $7 + 2 = \underline{9}$

○ ○ ○ ○ ○ ○ ○ ○

○ ○ ○ ○

○ ○ ○ ○ ○ ○ ○ ○

~~○~~ ○ ○ ○

$3 + 2 = 5$   
donc  $3 + 1 = \underline{4}$

○ ○ ○ ○

○ ○

○ ○ ○ ○

~~○~~ ○

$6 + 4 = 10$   
donc  $5 + 4 = \underline{9}$

○ ○ ○ ○ ○ ○ ○ ○

○ ○ ○ ○ ○ ○

○ ○ ○ ○ ○ ○ ~~○~~

○ ○ ○ ○ ○ ○

$4 + 1 = 5$   
donc  $4 + 0 = \underline{4}$

○ ○ ○ ○ ○ ○

○

○ ○ ○ ○ ○ ○

~~○~~

$5 + 5 = 10$   
donc  $4 + 5 = \underline{9}$

$2 + 3 = 5$   
donc  $2 + 2 = \underline{4}$

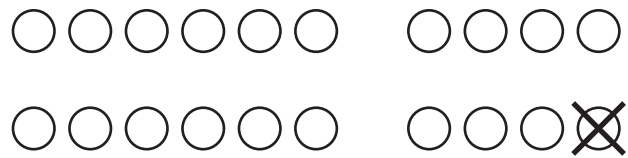
$4 + 1 = 5$   
donc  $3 + 1 = \underline{4}$

$5 + 5 = 10$   
donc  $5 + 4 = \underline{9}$



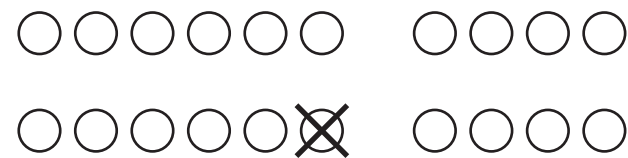
$$6 + 4 = 10$$

donc  $6 + 3 = \underline{9}$



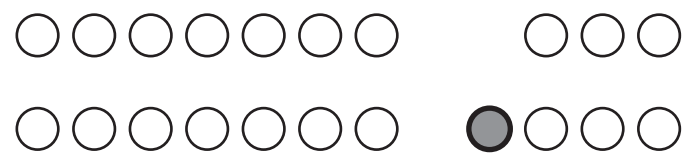
$$6 + 4 = 10$$

donc  $5 + 4 = \underline{9}$



$$7 + 3 = 10$$

donc  $7 + 4 = \underline{11}$



$$7 + 3 = 10$$

donc  $7 + 2 = \underline{9}$

$$7 + 3 = 10$$

donc  $6 + 3 = \underline{9}$

$$5 + 5 = 10$$

donc  $5 + 6 = \underline{11}$

$$5 + 5 = 10$$

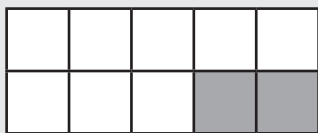
donc  $4 + 5 = \underline{9}$

$$8 + 3 = \underline{11}$$

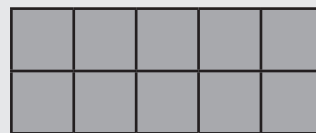
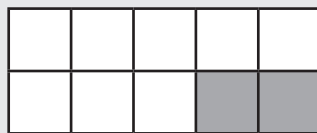
$$2 + 9 = \underline{11}$$

# Complémentaires de 20

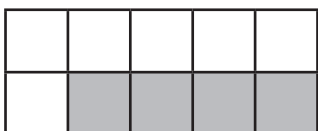
☐ Complète les phrases d'addition.



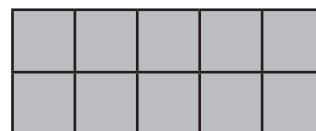
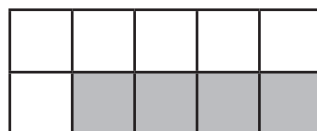
$$8 + \underline{2} = 10 \quad \text{donc}$$



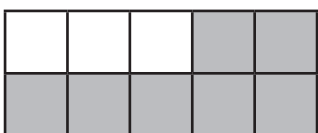
$$8 + \underline{12} = 20$$



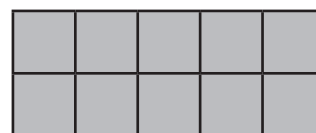
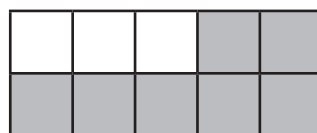
$$6 + \underline{4} = 10 \quad \text{donc}$$



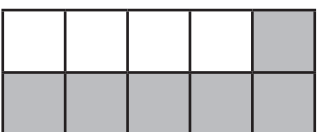
$$6 + \underline{14} = 20$$



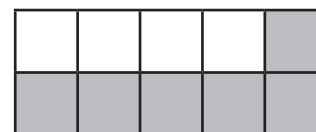
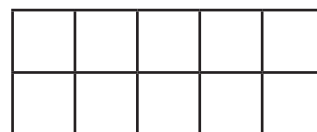
$$3 + \underline{7} = 10 \quad \text{donc}$$



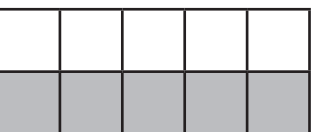
$$3 + \underline{17} = 20$$



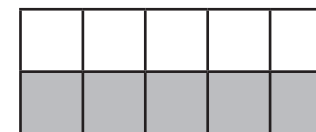
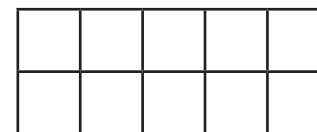
$$4 + \underline{6} = 10 \quad \text{donc}$$



$$14 + \underline{6} = 20$$



$$5 + \underline{5} = 10 \quad \text{donc}$$



$$15 + \underline{5} = 20$$

☐ Complète les phrases d'addition.

$$7 + \underline{3} = 10$$
$$\text{donc } 7 + \underline{13} = 20$$

$$9 + \underline{1} = 10$$
$$\text{donc } 19 + \underline{1} = 20$$

$$5 + \underline{5} = 10$$
$$\text{donc } 5 + \underline{15} = 20$$

$$2 + \underline{8} = 10$$
$$\text{donc } 12 + \underline{8} = 20$$

$$4 + \underline{6} = 10$$
$$\text{donc } 14 + \underline{6} = 20$$

$$6 + \underline{4} = 10$$
$$\text{donc } 6 + \underline{14} = 20$$

$$6 + \underline{4} = 10$$
$$\text{donc } 16 + \underline{4} = 20$$

$$3 + \underline{7} = 10$$
$$\text{donc } 13 + \underline{7} = 20$$

☐ Complète la phrase d'addition.

$$9 + \underline{11} = 20$$

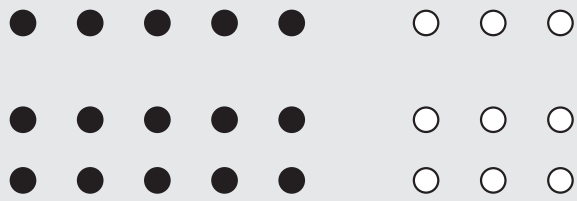
$$8 + \underline{12} = 20$$

$$5 + \underline{15} = 20$$

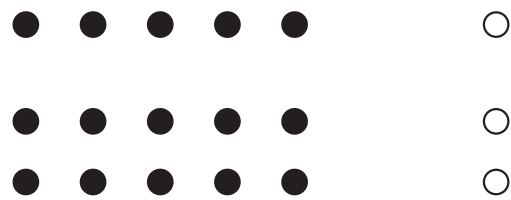
$$1 + \underline{19} = 20$$

## Doubles en deçà de 20

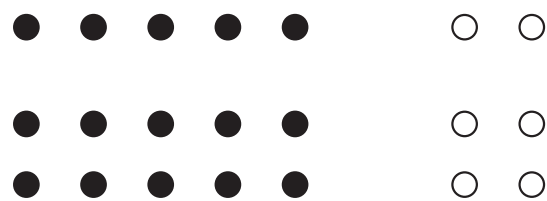
8 est égal à  $5 + 3$   
 donc le double de 8  
 est  $10 + \underline{6} = \underline{16}$



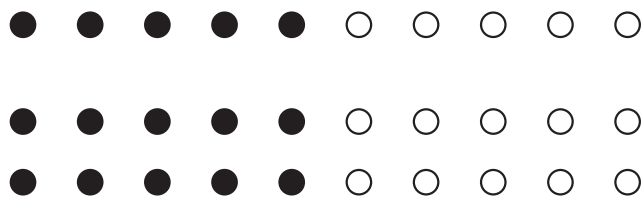
6 est égal à  $5 + 1$   
 donc le double de 6  
 est  $10 + \underline{2} = \underline{12}$



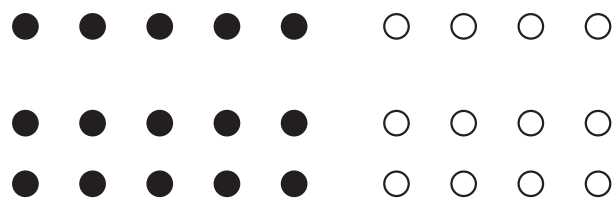
7 est égal à  $5 + 2$   
 donc le double de 7  
 est  $10 + \underline{4} = \underline{14}$



10 est égal à  $5 + 5$   
 donc le double de 10  
 est  $10 + \underline{10} = \underline{20}$



9 est égal à  $5 + 4$   
 donc le double de 9  
 est  $10 + \underline{8} = \underline{18}$



☐ Monte d'une rangée pour remplir l'espace vide.

1	2	3	4	5
6	7	8	9	10

$$10 = 5 + \underline{5}$$

$$7 = 5 + \underline{2}$$

$$9 = 5 + \underline{4}$$

$$6 = 5 + \underline{1}$$

☐ Double le nombre en utilisant 5 et 10.

$$9 = 5 + \underline{4}$$

donc le double de 9

$$\text{est } 10 + \underline{8} = \underline{18}$$

$$7 = 5 + \underline{2}$$

donc le double de 7

$$\text{est } 10 + \underline{4} = \underline{14}$$

$$6 = 5 + \underline{1}$$

donc le double de 6

$$\text{est } 10 + \underline{2} = \underline{12}$$

$$8 = 5 + \underline{3}$$

donc le double de 8

$$\text{est } 10 + \underline{6} = \underline{16}$$

$$10 = 5 + \underline{5}$$

donc le double de 10

$$\text{est } 10 + \underline{10} = \underline{20}$$

$$11 = 5 + \underline{6}$$

donc le double de 11

$$\text{est } 10 + \underline{12} = \underline{22}$$

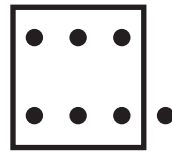
# Utilisation de doubles pour additionner

☐ Double puis additionne.



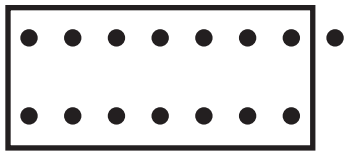
$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$4 + 4 + 1 = \boxed{9}$$



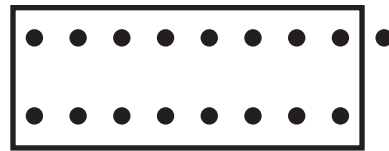
$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$3 + 3 + 1 = \boxed{7}$$



$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$7 + 7 + 1 = \boxed{15}$$



$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$8 + 8 + 1 = \boxed{17}$$

$$6 + 6 = \underline{12}$$

donc  $6 + 7 = \underline{13}$

$$5 + 5 = \underline{10}$$

donc  $6 + 5 = \underline{11}$

$$7 + 7 = \underline{14}$$

donc  $7 + 8 = \underline{15}$

$$4 + 4 = \underline{8}$$

donc  $5 + 4 = \underline{9}$

$$7 + 6 = \underline{13}$$

$$8 + 9 = \underline{17}$$

$$5 + 6 = \underline{11}$$

$$10 + 9 = \underline{19}$$

☐ Résous le problème.

Rani a 8 autocollants. Matt a le double de ce nombre. Matt a combien d'autocollants?

$$8 + 8 = 16$$

Amir a 6 ans. Nina a le double de l'âge d'Amir. Quel âge a Nina?

$$6 + 6 = 12$$

Kim a 5 ans. Glen a le double de l'âge de Kim. Sindi a un an de moins que Glen. Quel âge a Sindi?

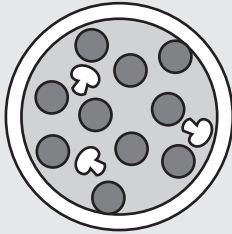
$$5 + 5 - 1 = 9$$

Alex cueille 9 fraises. Jin en cueille le double. Sally en cueille une de plus que Jin. Combien de fraises Sally a-t-elle cueillies?

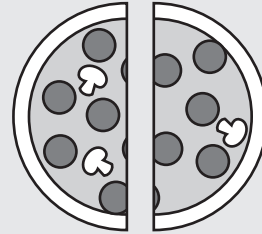
$$9 + 9 + 1 = 19$$

# Les moitiés et les quarts

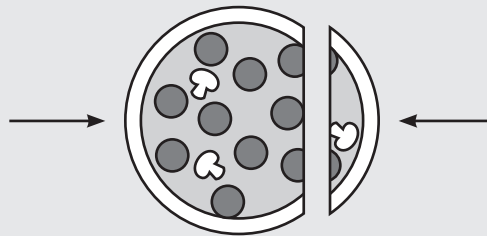
une pizza **entière**



deux **moitiés** d'une pizza

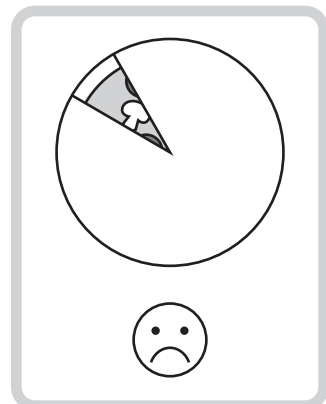
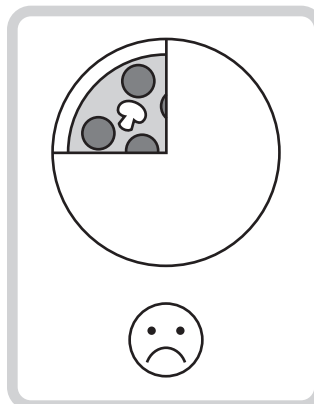
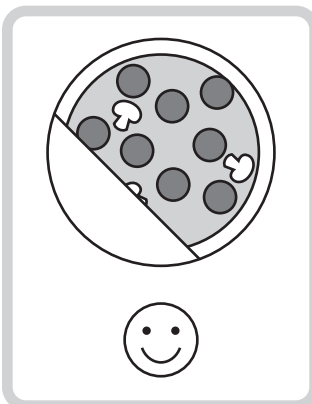
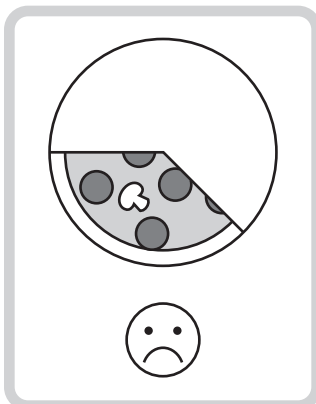
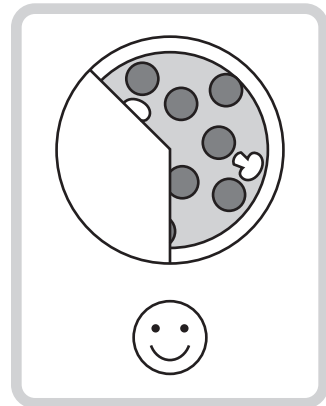
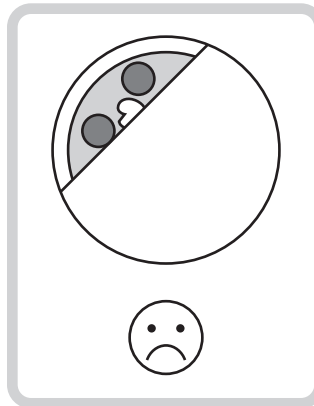
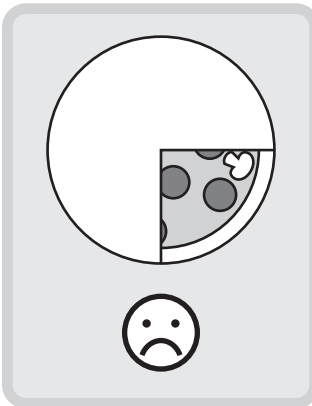
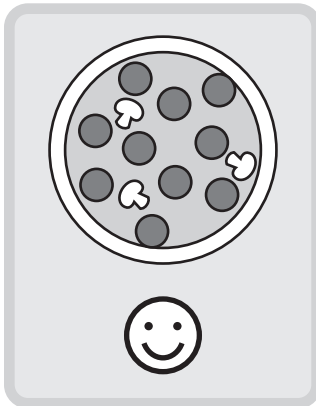


**plus** de la  
moitié



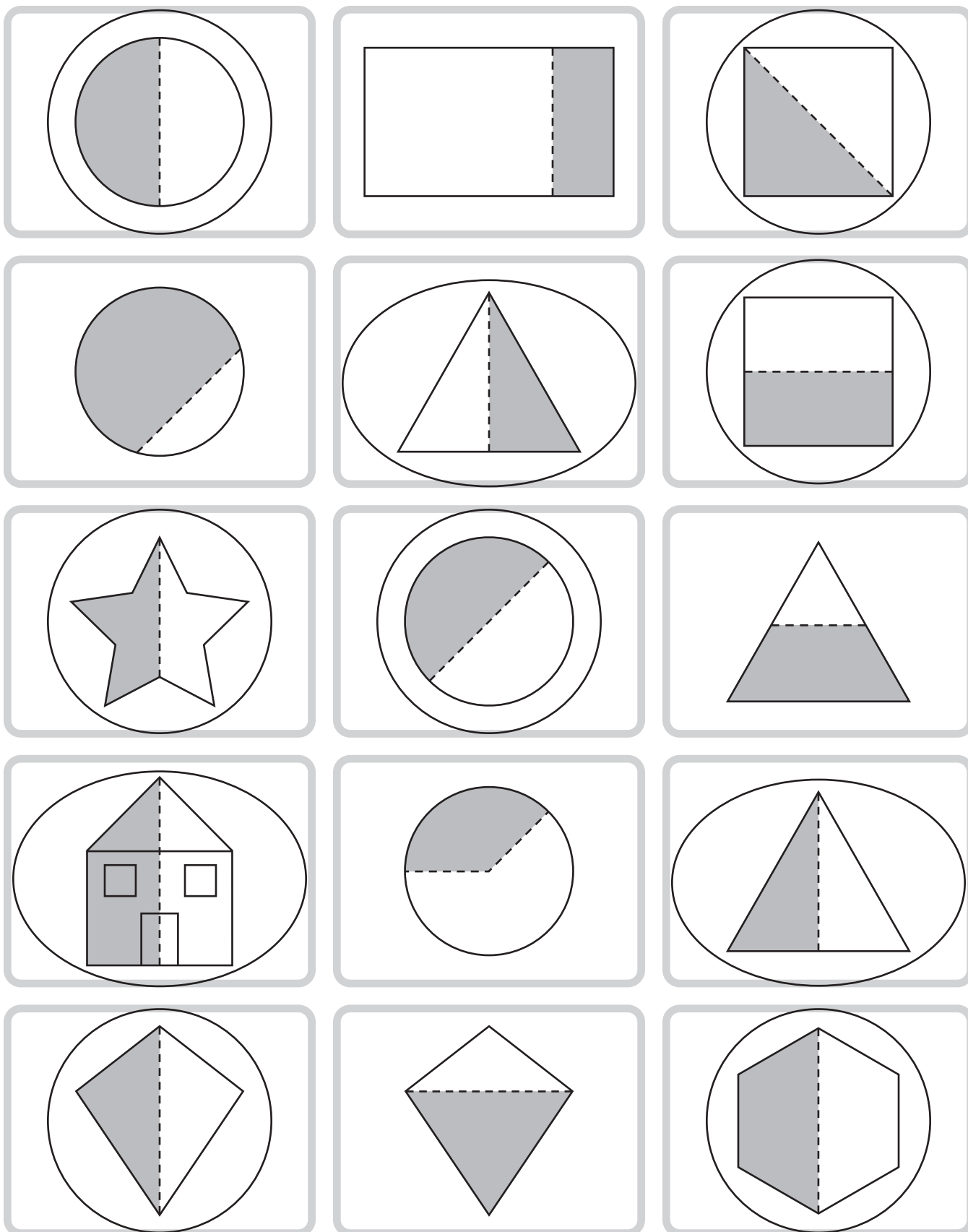
**moins** de la  
moitié

- ☐ Dessine un 😊 si la part de la pizza est **plus** que la moitié.
- ☐ Dessine un ☹️ si la part de la pizza est **moins** que la moitié.

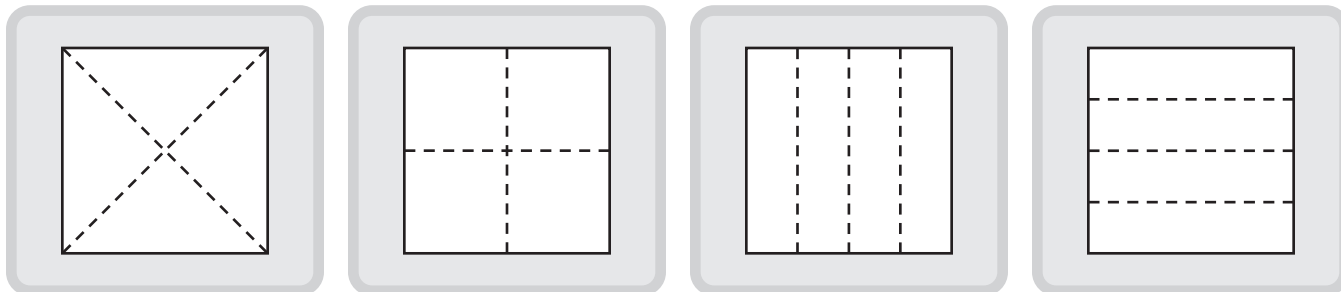




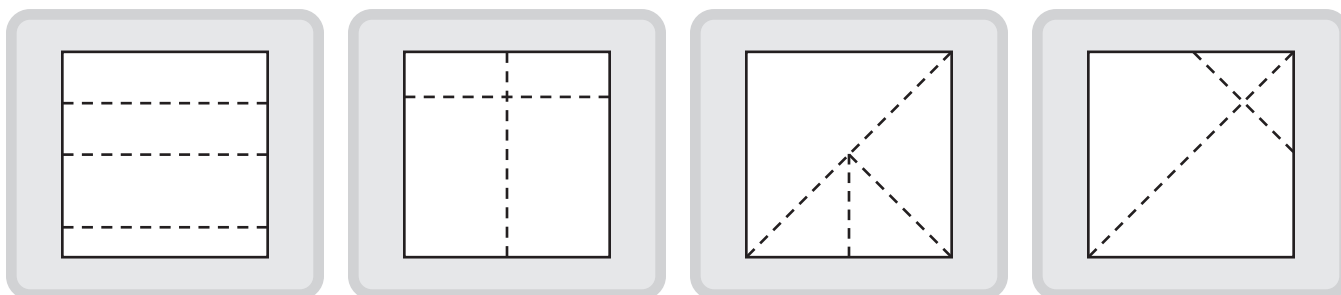
☐ Entoure les images qui montre une moitié.



Voici 4 façons de plier un carré en **quarts**.



Ces images **ne sont pas** pliées en quarts.



☐ Entoure les images qui montrent un quart.

