

Régularités dans les additions

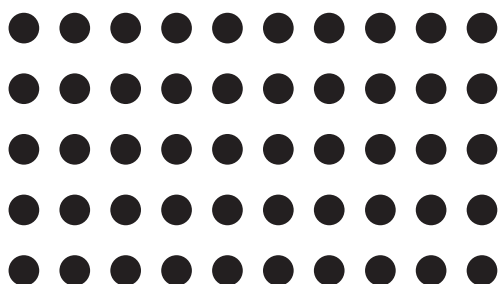
- ☐ Sépare.
- ☐ Écris le nombre de différentes façons.



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

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

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



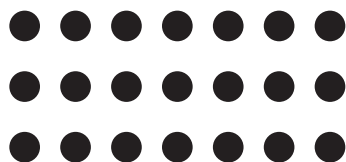
$$10 = 1 + \underline{\quad}$$

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

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

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

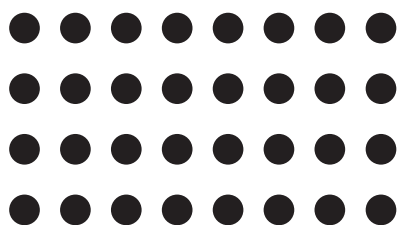
$$10 = 5 + \underline{\quad}$$



$$7 = 1 + \underline{\quad}$$

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

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



$$8 = 1 + \underline{\quad}$$

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

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

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

- ☐ Écris 9 de différentes façons.

$$9 = \underline{\quad} + \underline{\quad}$$

$$9 = \underline{\quad} + \underline{\quad}$$

$$9 = \underline{\quad} + \underline{\quad}$$

$$9 = \underline{\quad} + \underline{\quad}$$

Addition des dizaines et unités

☐ Écris le nombre comme somme de 10 et de 1.

$$32 = 10 + 10 + 10 + 1 + 1$$

$$13 = \underline{\hspace{2cm}}$$

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

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

☐ On peut écrire $24 = 20 + 4$. Écris le nombre d'une autre façon.

$$35 = 30 + 5$$

$$47 = \underline{\hspace{2cm}}$$

$$63 = \underline{\hspace{2cm}}$$

$$81 = \underline{\hspace{2cm}}$$

$$56 = \underline{\hspace{2cm}}$$

$$92 = \underline{\hspace{2cm}}$$

☐ Additionne.

$$40 + 5 = 45$$

$$6 + 20 = \underline{\hspace{2cm}}$$

$$70 + 1 = \underline{\hspace{2cm}}$$

$$8 + 60 = \underline{\hspace{2cm}}$$

$$70 + 7 = \underline{\hspace{2cm}}$$

$$4 + 50 = \underline{\hspace{2cm}}$$

$$30 + 8 = \underline{\hspace{2cm}}$$

$$9 + 10 = \underline{\hspace{2cm}}$$

$$6 + 80 = \underline{\hspace{2cm}}$$

$$7 + 90 = \underline{\hspace{2cm}}$$

$$9 + 70 = \underline{\hspace{2cm}}$$

$$90 + 9 = \underline{\hspace{2cm}}$$

☐ Additionne.

$$5 + 2 = \quad 1 + 1 + 1 + 1 + 1 \quad + \quad 1 + 1 \quad = \underline{\hspace{2cm}}$$

$$50 + 20 = \quad 10 + 10 + 10 + 10 + 10 \quad + \quad 10 + 10 \quad = \underline{\hspace{2cm}}$$

$$4 + 4 = \quad 1 + 1 + 1 + 1 \quad + \quad 1 + 1 + 1 + 1 \quad = \underline{\hspace{2cm}}$$

$$40 + 40 = \quad 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 \quad = \underline{\hspace{2cm}}$$

$$2 + 3 = \quad 1 + 1 \quad + \quad 1 + 1 + 1 \quad = \underline{\hspace{2cm}}$$

$$20 + 30 = \quad 10 + 10 \quad + \quad 10 + 10 + 10 \quad = \underline{\hspace{2cm}}$$

$$2 + 6 = \underline{\hspace{2cm}}$$

$$20 + 60 = \underline{\hspace{2cm}}$$

$$4 + 1 = \underline{\hspace{2cm}}$$

$$40 + 10 = \underline{\hspace{2cm}}$$

$$5 + 4 = \underline{\hspace{2cm}}$$

$$50 + 40 = \underline{\hspace{2cm}}$$

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

$$10 + 50 = \underline{\hspace{2cm}}$$

$$3 + 3 = \underline{\hspace{2cm}}$$

$$30 + 30 = \underline{\hspace{2cm}}$$

$$3 + 4 = \underline{\hspace{2cm}}$$

$$30 + 40 = \underline{\hspace{2cm}}$$

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

$$10 + 30 + 20 = \underline{\hspace{2cm}}$$

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

$$20 + 30 + 20 + 10 = \underline{\hspace{2cm}}$$

Additionner de deux façons

- ☐ Déplace la ligne d'un point vers la droite. →
- ☐ Écris la nouvelle phrase d'addition.

<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ● ● ●</div> <div>$2 + 4 = 6$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ● ● ●</div> <div><u>$3 + 3 = 6$</u></div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ● ●</div> <div>$1 + 4 = 5$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ● ●</div> <div>_____</div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ● ●</div> <div>$3 + 2 = 5$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ● ●</div> <div>_____</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ● ● ●</div> <div>$4 + 2 = 6$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ● ● ●</div> <div>_____</div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ●</div> <div>$2 + 2 = 4$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ●</div> <div>_____</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ●</div> <div>$1 + 2 = 3$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ●</div> <div>_____</div> </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> ● ● ● ●</div> <div>$0 + 4 = 4$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ●</div> <div>_____</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div>● ● ● ●</div> <div>$3 + 1 = 4$</div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div>● ● ● ●</div> <div>_____</div> </div>

Comment change le premier chiffre? Il augmente de 1.

Comment change le deuxième chiffre? _____

Qu'est-ce qui se passe avec le total? _____

☐ Pourquoi cela se produit-il?

☐ Additionne et soustrais 1 pour créer une nouvelle phrase numérique.

$$\begin{array}{ccccc} 2 & + & 5 & = & 7 \\ +1 & \downarrow & \downarrow & -1 & \\ \boxed{3} & + & \boxed{4} & = & \boxed{7} \end{array}$$

$$\begin{array}{ccccc} 3 & + & 8 & = & 11 \\ +1 & \downarrow & \downarrow & -1 & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 6 & + & 3 & = & 9 \\ +1 & \downarrow & \downarrow & -1 & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 8 & + & 3 & = & 11 \\ +1 & \downarrow & \downarrow & -1 & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 9 & + & 6 & = & 15 \\ +1 & \downarrow & \downarrow & - & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 5 & + & 2 & = & 7 \\ - & \downarrow & \downarrow & -1 & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 7 & + & 11 & = & 18 \\ - & \downarrow & \downarrow & -1 & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

$$\begin{array}{ccccc} 11 & + & 7 & = & 18 \\ +1 & \downarrow & \downarrow & - & \\ \boxed{} & + & \boxed{} & = & \boxed{} \end{array}$$

☐ Termine la phrase d'addition.

$$6 + 11 = 7 + \underline{\hspace{2cm}}$$

$$8 + 4 = 9 + \underline{\hspace{2cm}}$$

- ☐ Dessine un modèle.
- ☐ Déplace la ligne d'un point vers la gauche. ←
- ☐ Écris la nouvelle phrase d'addition.

● ● | ● ● ● ● $2 + 4 = 6$

● | ● ● ● ● ● $1 + 5 = 6$

● ● | ● ● ● $2 + 3 = 5$

$4 + 1 = 5$

$4 + 2 = 6$

$2 + 2 = 4$

$1 + 2 = 3$

$2 + 1 = 3$

$4 + 0 = 4$

Comme change le premier chiffre? _____

Commen change le deuxième chiffre? _____

Qu'est-ce qui se passe avec le total? _____

☐ Pourquoi cela se produit-il?

- ☐ Change les deux nombres de façons inversées.
- ☐ Complète les deux phrases d'addition.

$$\begin{array}{ccccc} 13 & + & 4 & = & 17 \\ -3 & \downarrow & \downarrow & +3 & \\ 10 & + & 7 & = & 17 \end{array}$$

$$\begin{array}{ccccc} 8 & + & 7 & = & 15 \\ +2 & \downarrow & \downarrow & -2 & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 7 & + & 8 & = & \square \\ +3 & \downarrow & \downarrow & - & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 11 & + & 7 & = & \square \\ -1 & \downarrow & \downarrow & - & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 12 & + & 6 & = & \square \\ -2 & \downarrow & \downarrow & - & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 5 & + & 13 & = & \square \\ - & \downarrow & \downarrow & -3 & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 11 & + & 7 & = & \square \\ - & \downarrow & \downarrow & +3 & \\ \square & + & \square & = & \square \end{array}$$

$$\begin{array}{ccccc} 9 & + & 8 & = & \square \\ +1 & \downarrow & \downarrow & - & \\ \square & + & \square & = & \square \end{array}$$

Pour chaque question, est-ce que le total a changé? _____

Utilisation du chiffre 10 pour additionner

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

7 6

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

8 6

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

9 7

$9 + 7 = 10 + \underline{\quad} = \underline{\quad}$

8 8

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

7 5

$7 + 5 = 10 + \underline{\quad} = \underline{\quad}$

4 8

$4 + 8 = \underline{\quad} + 10 = \underline{\quad}$

☐ Sara groupe les 10 de deux façons. A-t-elle obtenu la même réponse?

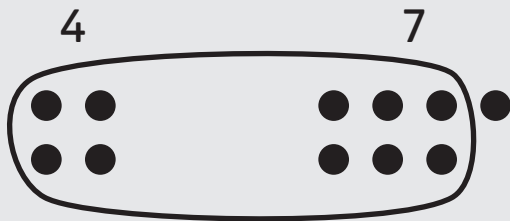
3 9

$3 + 9 = 10 + \underline{\quad} = \underline{\quad}$

3 9

$3 + 9 = \underline{\quad} + 10 = \underline{\quad}$

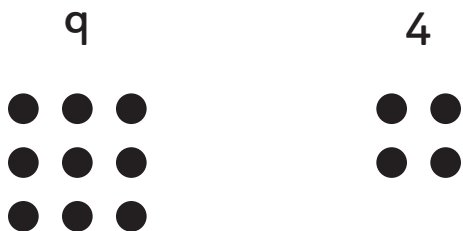
- ☐ Entoure un groupe de 10.
- ☐ Utilise 10 pour additionner.



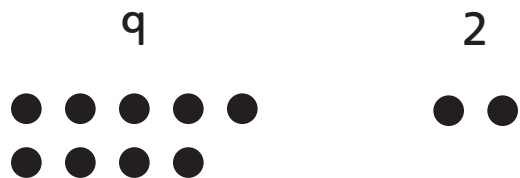
$$4 + 7 = 10 + \underline{1} = \underline{11}$$



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



$$9 + 4 = 10 + \underline{\quad} = \underline{\quad}$$



$$9 + 2 = 10 + \underline{\quad} = \underline{\quad}$$



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

Fais le tien.

Utilisation du chiffre 10 le plus près pour additionner

☐ Utilise 10 pour additionner



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



$$7 + 5 = 10 + \underline{\quad} = \underline{\quad}$$



$$7 + 9 = 10 + \underline{\quad} = \underline{\quad}$$

☐ Dessine des cercles, puis additionne.



$$6 + 5 = 10 + \underline{\quad} = \underline{\quad}$$



$$9 + 5 = 10 + \underline{\quad} = \underline{\quad}$$

Est-ce que le fait d'utiliser un 10 rend l'addition plus facile? _____

☐ Explique.

☐ Quelles deux réponses sont pareilles? Pourquoi cela se produit-il?

☐ Comment obtenir 10 avec le premier chiffre?

Soustrais ce montant du deuxième chiffre.

☐ Complète les phrases d'addition.

$$\begin{array}{r} 8 + 5 = 13 \\ +2 \quad \downarrow \quad \downarrow \quad -2 \\ 10 + 3 = 13 \end{array}$$

$$\begin{array}{r} 8 + 7 = \square \\ \square \downarrow \quad \downarrow \quad \square \\ \square + \square = \square \end{array}$$

$$\begin{array}{r} 9 + 6 = \square \\ \square \downarrow \quad \downarrow \quad \square \\ \square + \square = \square \end{array}$$

$$\begin{array}{r} 9 + 8 = \square \\ \square \downarrow \quad \downarrow \quad \square \\ \square + \square = \square \end{array}$$

$$\begin{array}{r} 8 + 9 = \square \\ \square \downarrow \quad \downarrow \quad \square \\ \square + \square = \square \end{array}$$

$$\begin{array}{r} 9 + 7 = \square \\ \square \downarrow \quad \downarrow \quad \square \\ \square + \square = \square \end{array}$$

$$9 + 5 = 10 + \square = \square$$

$$8 + 4 = 10 + \square = \square$$

$$9 + 4 = \square + \square = \square$$

$$8 + 6 = \square + \square = \square$$

- ☐ Ajoute 1 à l'un des nombres.
- ☐ Soustrais 1 de l'autre nombre.
- ☐ Complète la nouvelle phrase d'addition.

$$32 + 9$$

$$= \underline{31} + \underline{10} = \underline{41}$$

$$19 + 8$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$7 + 29$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$27 + 19$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$19 + 16$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$29 + 6$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$18 + 9$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$9 + 36$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$9 + 47$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$38 + 19$$

$$= \underline{\quad} + \underline{\quad} = \underline{\quad}$$

- ☐ Sam doit résoudre $27 + 29$. Il dit que $26 + 30$ a la même réponse. Explique pourquoi c'est correct.
- ☐ Quel problème est plus facile, $27 + 29$ ou $26 + 30$? Explique.

- ☐ Crée un nouveau problème d'addition en additionnant et en soustrayant avec 2.
- ☐ Résous le nouveau problème d'addition.

$$\begin{array}{r} 18 \quad + \quad 15 \\ = \underline{20} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 14 \quad + \quad 28 \\ = \underline{\quad} + \underline{30} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 37 \quad + \quad 48 \\ = \underline{\quad} + \underline{50} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 68 \quad + \quad 24 \\ = \underline{70} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 42 \quad + \quad 54 \\ = \underline{40} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 72 \quad + \quad 17 \\ = \underline{70} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 56 \quad + \quad 32 \\ = \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

$$\begin{array}{r} 28 \quad + \quad 45 \\ = \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

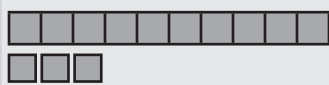
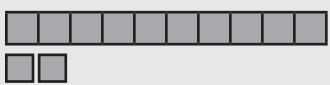
$$\begin{array}{r} 22 \quad + \quad 35 \\ = \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$

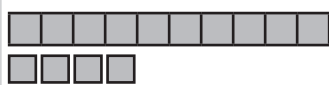

$$\begin{array}{r} 43 \quad + \quad 48 \\ = \underline{\quad} + \underline{\quad} = \underline{\quad} \end{array}$$


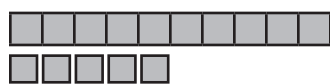
Utilisation des dizaines et des unités pour additionner

Combien y a-t-il en tout de dizaines et d'unités?

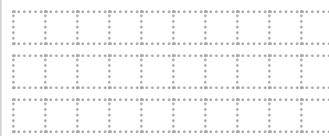
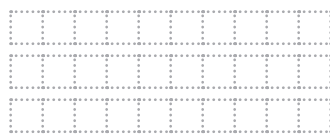
☐ Additionne.



 _____ dizaines + _____ unités
 13 + 12 = 25

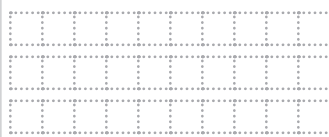



 _____ dizaines + _____ unités
 14 + 13 = _____



 _____ dizaines + _____ unités
 11 + 15 = _____

☐ Maintenant, dessine les blocs et additionne.



 _____ dizaines + _____ unités
 12 + 12 = _____

☐ Crée ton problème d'addition.



 _____ dizaines + _____ unités
 _____ + _____ = _____

☐ Additionne en séparant les dizaines et les unités.

$$\begin{array}{r} 23 \\ + 34 \\ \hline \boxed{57} \end{array} \quad \begin{array}{l} = 20 + 3 \\ = 30 + 4 \\ \hline 50 + 7 \end{array}$$

$$\begin{array}{r} 34 \\ + 15 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = 30 + 4 \\ = 10 + 5 \\ \hline 40 + 9 \end{array}$$

$$\begin{array}{r} 27 \\ + 22 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = 20 + \boxed{} \\ = 20 + \boxed{} \\ \hline 40 + \boxed{} \end{array}$$

$$\begin{array}{r} 35 \\ + 42 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 15 \\ + 23 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 26 \\ + 13 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 34 \\ + 54 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 26 \\ + 33 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 22 \\ 14 \\ + 21 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

$$\begin{array}{r} 11 \\ 22 \\ + 33 \\ \hline \boxed{} \end{array} \quad \begin{array}{l} = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ = \boxed{} + \boxed{} \\ \hline \boxed{} + \boxed{} \end{array}$$

☐ Additionne en utilisant le tableau des dizaines (D) et des unités (U).

35	
+ 32	
<hr/>	
67	

D	U
3	5
3	2
<hr/>	
6	7

24	
+ 41	
<hr/>	

D	U
2	4
4	1
<hr/>	

46	
+ 31	
<hr/>	

D	U
<hr/>	

43	
+ 23	
<hr/>	

D	U
<hr/>	

27	
+ 21	
+ 51	
<hr/>	

D	U
<hr/>	

31	
+ 42	
+ 14	
<hr/>	


D	U
<hr/>	

D	U
3	2
+ 2	7
<hr/>	

D	U
4	8
+ 3	1
<hr/>	

D	U
5	5
+ 2	3
<hr/>	

D	U
2	2
+ 1	3
<hr/>	

 37
+ 22

63
+ 16

25
+ 34

31
+ 62

54
+ 34

23
+ 43

Écrire un nombre de plusieurs façons.

☐ Écris 53 de plusieurs façons.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

5 dizaines + 3 unités

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

_____ dizaines + _____ unités

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

_____ dizaines + _____ unités

☐ Écris le nombre de différentes façons.

24

dizaines	unités
2	4
1	14
0	24

27

dizaines	unités

26

dizaines	unités

37

dizaines	unités

38

dizaines	unités

31

dizaines	unités

50

dizaines	unités

56

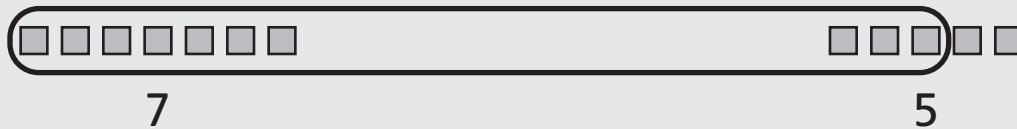
dizaines	unités

52

dizaines	unités

Regrouper

- ☐ Regroupe 10 blocs d'unité ensemble.
- ☐ Additionne.



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



6



8

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



5



8

$$5 + 8 = 10 + \underline{\quad} = \underline{\quad}$$



8



4

$$8 + 4 = 10 + \underline{\quad} = \underline{\quad}$$



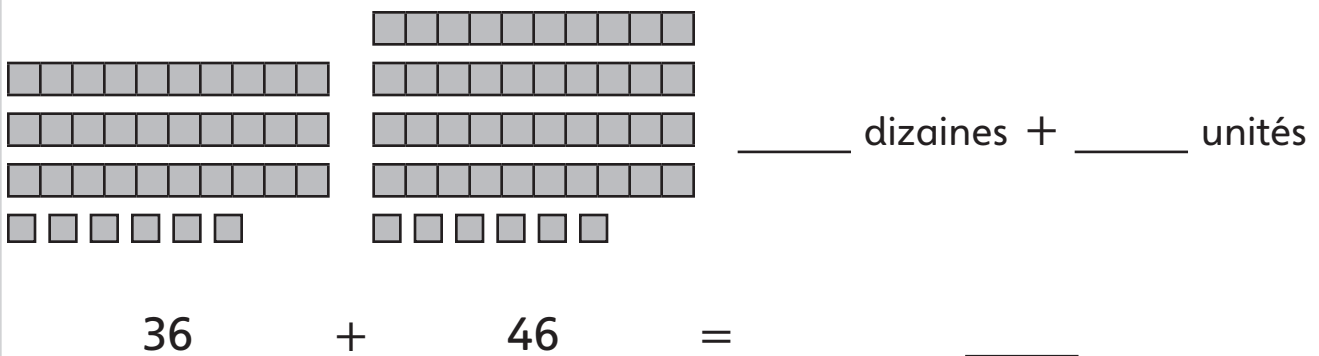
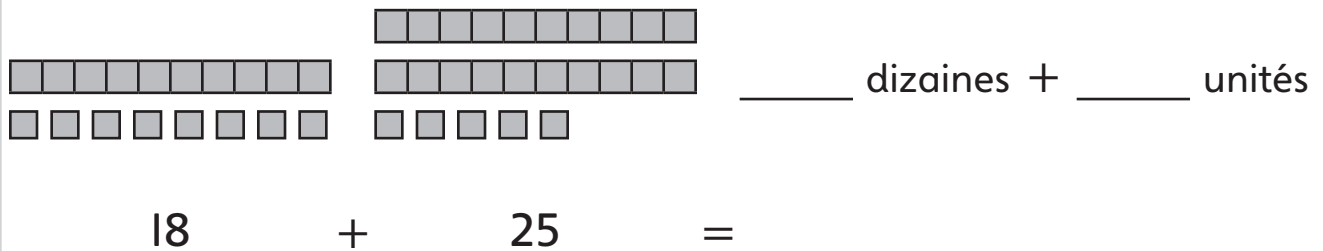
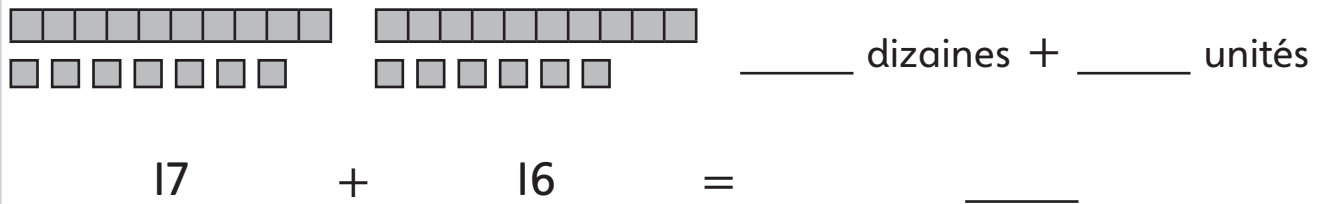
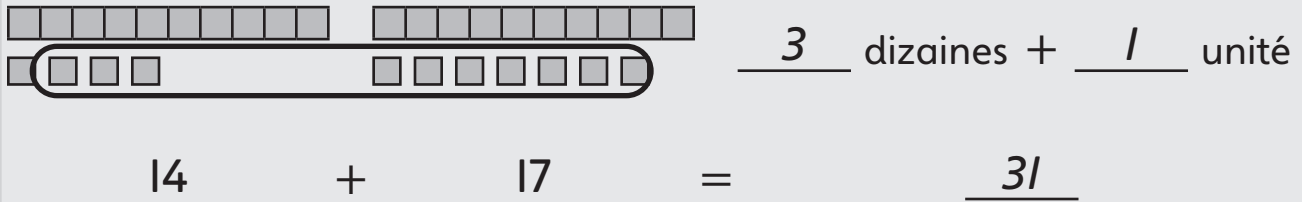
7



7

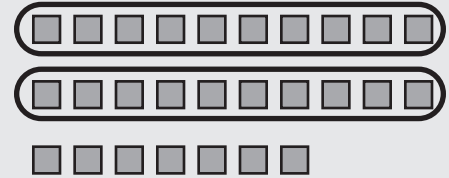
$$7 + 7 = 10 + \underline{\quad} = \underline{\quad}$$

- ☐ Regroupe 10 blocs d'unité ensemble.
Combien de dizaines et combien d'unités?
- ☐ Additionne.



- ☐ Échange les groupes de 10 unités pour des dizaines.
- ☐ Regroupe-les dans la rangée suivante.

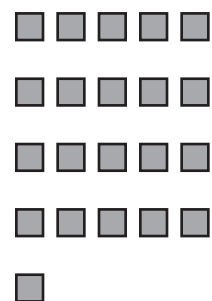
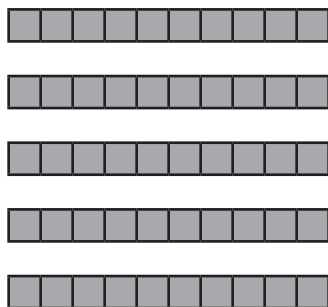
dizaines	unités
4	27
6	7



dizaines	unités
3	12



dizaines	unités
5	21



dizaines	unités
3	15

dizaines	unités
6	19

dizaines	unités
4	28

- ☐ Additionne les dizaines et les unités.
- ☐ Regroupe-les dans la rangée suivante.
- ☐ Écris la réponse.

dizaines	unités
1	6
5	5
6	11
7	1

$$\begin{array}{r} 16 \\ + 55 \\ \hline 71 \end{array}$$

dizaines	unités
1	2
2	9

$$\begin{array}{r} 12 \\ + 29 \\ \hline \square \end{array}$$

dizaines	unités
2	5
3	8

$$\begin{array}{r} 25 \\ + 38 \\ \hline \square \end{array}$$

dizaines	unités
5	7
2	6

$$\begin{array}{r} 57 \\ + 26 \\ \hline \square \end{array}$$

dizaines	unités
2	8
2	6

$$\begin{array}{r} 28 \\ + 26 \\ \hline \square \end{array}$$

dizaines	unités
2	3
5	2
1	6

$$\begin{array}{r} 23 \\ 52 \\ + 16 \\ \hline \square \end{array}$$

L'algorithme conventionnel pour additionner

- ☐ Additionne les unités.
- ☐ Écris les chiffres des dizaines dans la colonne des dizaines.
- ☐ Écris les chiffres des unités dans la colonne d'unités.

$$5 + 9 = \boxed{1} \boxed{4}$$

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">1</div>	
	1	5
+	2	9
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">4</div>

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

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	2	3
+	3	8
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

$$6 + 4 = \boxed{1} \boxed{0}$$

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	5	6
+	3	4
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

$$7 + 5 = \boxed{} \boxed{}$$

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	3	7
+	2	5
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

$$6 + 9 = \boxed{} \boxed{}$$

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	1	6
+	4	9
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

$$_ + _ = \boxed{} \boxed{}$$

	D	U
	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	2	7
+	3	8
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	1	4
+	3	8
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	4	7
+	2	3
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>	
	1	5
+	3	5
	<div style="border: 1px solid black; width: 20px; height: 20px; background-color: #cccccc;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px;"></div>

- ☐ Additionne les unités d'abord.
- ☐ Ensuite, additionne les dizaines pour trouver le total.

$$\begin{array}{r} \boxed{1} \\ 1 \quad 5 \\ + 2 \quad 9 \\ \hline \boxed{4} \quad \boxed{4} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 3 \\ + 3 \quad 8 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 5 \quad 6 \\ + 3 \quad 4 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 9 \\ + 1 \quad 1 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 3 \quad 7 \\ + 2 \quad 5 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 1 \quad 6 \\ + 4 \quad 9 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 7 \\ + 3 \quad 8 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 1 \quad 5 \\ + 1 \quad 9 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 1 \quad 4 \\ + 3 \quad 8 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 4 \quad 7 \\ + 2 \quad 3 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 1 \quad 5 \\ + 3 \quad 5 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 8 \\ + 3 \quad 8 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

☐ Additionne. Regroupe quand tu dois le faire.

$$\begin{array}{r} \boxed{1} \\ 1 \quad 9 \\ + 2 \quad 6 \\ \hline \boxed{4} \quad \boxed{5} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 5 \\ + 3 \quad 3 \\ \hline \boxed{5} \quad \boxed{8} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 3 \quad 7 \\ + 2 \quad 5 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 3 \\ + 4 \quad 6 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 2 \quad 9 \\ + \quad 4 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 1 \quad 3 \\ + 2 \quad 2 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 4 \quad 7 \\ + \quad 3 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 8 \quad 6 \\ + \quad 1 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

Liz a ajouté les dizaines avant les unités.

☐ Encerle les erreurs de ses réponses.

$$\begin{array}{r} \boxed{} \\ 1 \quad 1 \\ + 5 \quad 8 \\ \hline \boxed{6} \quad \boxed{9} \end{array}$$

$$\begin{array}{r} \boxed{1} \\ 1 \quad 7 \\ + 2 \quad 7 \\ \hline \boxed{3} \quad \boxed{4} \end{array}$$

$$\begin{array}{r} \boxed{1} \\ 2 \quad 6 \\ + 2 \quad 6 \\ \hline \boxed{4} \quad \boxed{2} \end{array}$$

$$\begin{array}{r} \boxed{} \\ 4 \quad 3 \\ + 2 \quad 5 \\ \hline \boxed{6} \quad \boxed{8} \end{array}$$

☐ Additionne.

$$29 + 14$$

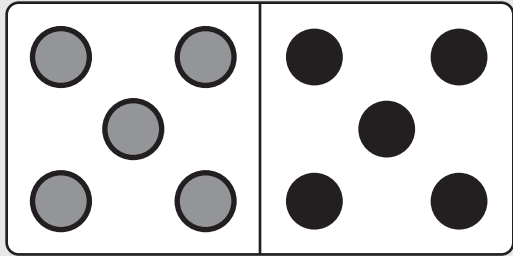
$$37 + 46$$

$$48 + 23$$

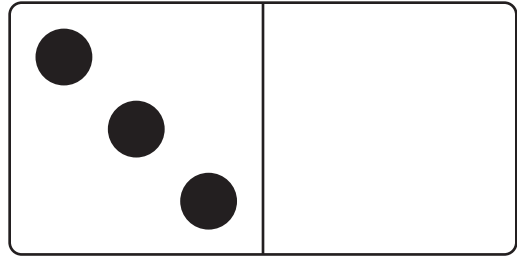
$$55 + 39$$

Les doubles

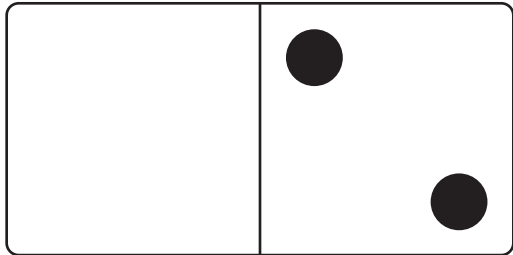
- ☐ Dessine le même nombre de points de l'autre côté.
- ☐ Écris une phrase double.



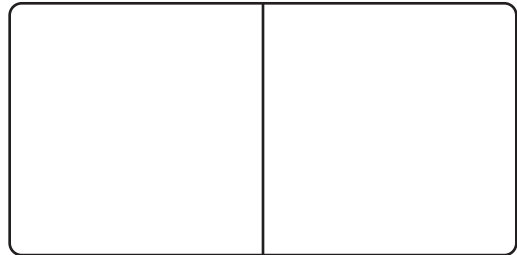
10 est le double de 5



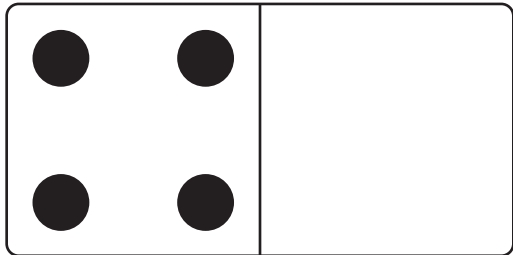
___ est le double de ___

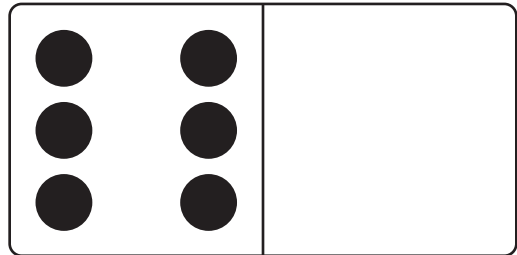


___ est le double de ___

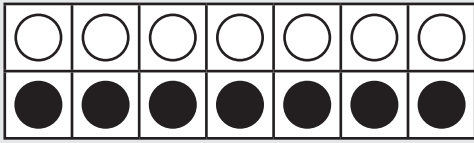


___ est le double de 0

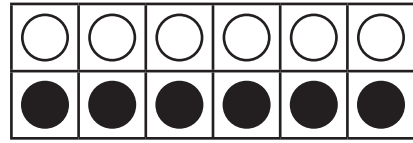




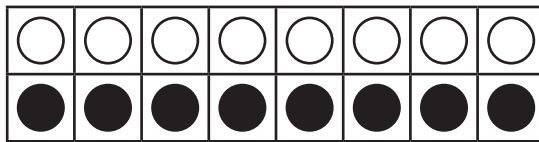
☐ Écris une phrase d'addition pour le double.



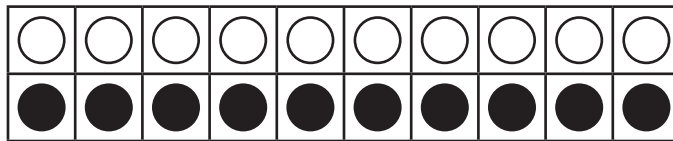
$$\underline{7} + \underline{7} = \underline{14}$$



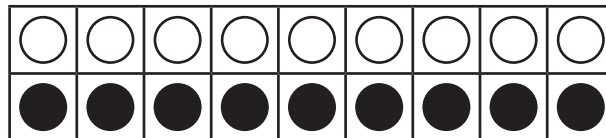
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

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

Utilisation de doubles pour additionner

☐ Double, puis ajoute 1.

$$4 + 4 = \underline{8}$$
$$\text{donc } 4 + 5 = \underline{9}$$

$$3 + 3 = \underline{\quad}$$
$$\text{donc } 4 + 3 = \underline{\quad}$$

$$7 + 7 = \underline{\quad}$$
$$\text{donc } 8 + 7 = \underline{\quad}$$

$$8 + 8 = \underline{\quad}$$
$$\text{donc } 8 + 9 = \underline{\quad}$$

$$6 + 6 = \underline{\quad}$$
$$\text{donc } 6 + 7 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$
$$\text{donc } 6 + 5 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } 7 + 8 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } 5 + 4 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } 5 + 6 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } 10 + 9 = \underline{\quad}$$

Bonus

☐ Trouve $30 + 31$.

☐ Double, puis soustrais 1.

$$7 + 7 = \underline{14}$$
$$\text{donc } 7 + 6 = \underline{13}$$

$$9 + 9 = \underline{\quad}$$
$$\text{donc } 8 + 9 = \underline{\quad}$$

$$6 + 6 = \underline{\quad}$$
$$\text{donc } 6 + 5 = \underline{\quad}$$

$$8 + 8 = \underline{\quad}$$
$$\text{donc } 7 + 8 = \underline{\quad}$$

$$8 + 8 = \underline{\quad}$$
$$\text{donc } 8 + 7 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$
$$\text{donc } 4 + 5 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } \quad \quad 9 + 10 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } \quad \quad 9 + 8 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } \quad \quad 3 + 4 = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$
$$\text{donc } \quad \quad 7 + 8 = \underline{\quad}$$

Bonus

☐ Trouve $40 + 39$.

- ☐ Écris combien **de plus** ou **de moins**.
- ☐ Trouve le double.
- ☐ Additionne.

$$4 + 5 \text{ est } \underline{\hspace{2cm}} \text{ de plus que } \underline{\hspace{2cm}} 4 + 4$$
$$4 + 4 = \underline{8} \quad \text{donc} \quad 4 + 5 = \underline{9}$$

$$8 + 9 \text{ est } \underline{\hspace{2cm}} 9 + 9$$
$$9 + 9 = \underline{\hspace{2cm}} \quad \text{donc} \quad 8 + 9 = \underline{\hspace{2cm}}$$

$$8 + 7 \text{ est } \underline{\hspace{2cm}} 8 + 8$$
$$8 + 8 = \underline{\hspace{2cm}} \quad \text{donc} \quad 8 + 7 = \underline{\hspace{2cm}}$$

$$6 + 7 \text{ est } \underline{\hspace{2cm}} 6 + 6$$
$$6 + 6 = \underline{\hspace{2cm}} \quad \text{donc} \quad 6 + 7 = \underline{\hspace{2cm}}$$

$$9 + 10 \text{ est } \underline{\hspace{2cm}} 10 + 10$$
$$10 + 10 = \underline{\hspace{2cm}} \quad \text{donc} \quad 9 + 10 = \underline{\hspace{2cm}}$$

$$7 + 6 \text{ est } \underline{\hspace{2cm}}$$
$$\underline{\hspace{2cm}} \quad \text{donc} \quad 7 + 6 = \underline{\hspace{2cm}}$$

- ☐ Quelles deux questions ont la même réponse?
Pourquoi cela se produit-il?