

# Pairs Adding to 5

Write the missing numbers.



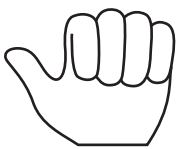
$$\boxed{3} + \boxed{2} = 5$$

fingers up    fingers down    altogether



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

fingers up    finger down    altogether



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

finger up    fingers down    altogether



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

fingers up    fingers down    altogether



3  
fingers  
up

+

2  
fingers  
not up

=

5  
altogether

- Hold up the correct number of fingers.  
How many are not up?

$$1 + \square = 5$$

$$4 + \square = 5$$

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

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

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

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

$$5 - 1 = \square$$

$$5 - 2 = \square$$

$$\square = 5 - 3$$

$$5 - 5 = \square$$

# Addition Facts

---

Add by remembering.

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

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

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

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

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

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

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

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

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

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

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

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

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

**Bonus**

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

# Subtraction Facts

---

Subtract by remembering.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# Using 5 to Add

Circle the two numbers that make 5.

2 3 4

1 3 4

1 2 3

1 2 4

4 1 3

3 4 2

Circle the two numbers that make 5.

Write the number that is left over.

2 + 3 + 4 = 5 + 4

4 + 1 + 3 = 5 +

3 + 1 + 4 = 5 +

0 + 3 + 5 = 5 +

4 + 3 + 2 = 5 +

Circle the two numbers that make 5.

Use 5 to add.

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

$$\begin{aligned} & 2 + 3 + 4 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 3 + 1 + 4 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 3 + 4 + 2 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 2 + 4 + 3 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 3 + 1 + 2 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 1 + 2 + 3 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 2 + 1 + 4 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 4 + 3 + 1 \\ & = 5 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$4 + 3 + 2 = \boxed{\phantom{0}}$$

$$4 + 2 + 1 = \boxed{\phantom{0}}$$

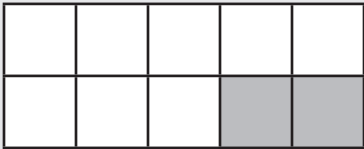
$$3 + 2 + 1 = \boxed{\phantom{0}}$$

$$3 + 4 + 1 = \boxed{\phantom{0}}$$

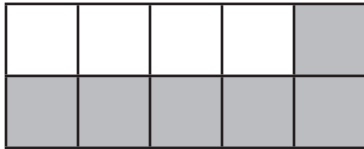
# Pairs Adding to 10

How many are unshaded? How many are shaded?

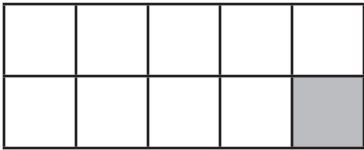
Fill in the addition sentence.



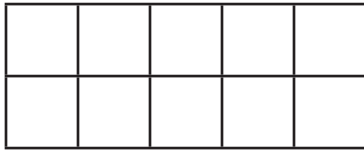
  8   +   2   = 10



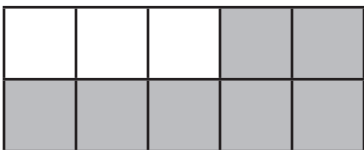
       +        = 10



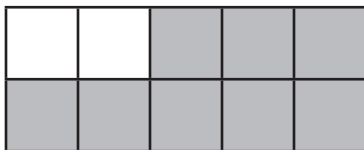
       +        = 10




       +        = 10



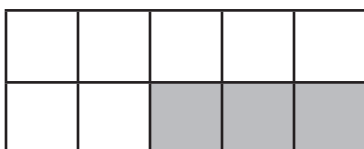
       +        = 10



       +        = 10



       +        = 10



       +        = 10

COPYRIGHT © 2017 JUMP MATH: NOT TO BE COPIED



$$7 + 3 = 10$$

up                      not up                      altogether

Hold up the correct number of fingers.  
How many are not up?

$$4 + \square = 10$$

$$5 + \square = 10$$

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

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

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

$$\begin{array}{r} 10 \\ + \square \\ \hline 10 \end{array}$$

$$10 - 3 = \square$$

$$10 - 2 = \square$$

$$\square = 10 - 4$$

$$10 - 5 = \square$$



# Using 10 to Add

Circle the two numbers that make 10.

4 5 6

3 7 9

1 8 9

4 5 5

2 3 8

3 6 4

Circle the two numbers that make 10.

Write the number that is left over.

8 + 2 + 5 = 10 + 5

4 + 6 + 3 = 10 +

2 + 9 + 1 = 10 +

6 + 7 + 4 = 10 +

4 + 3 + 7 = 10 +

Circle the two numbers that make 10.

Use 10 to add.

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

$$\begin{aligned} & 2 + 7 + 3 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 1 + 8 + 9 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 3 + 7 + 4 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 4 + 5 + 6 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 5 + 5 + 6 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 9 + 2 + 1 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 3 + 2 + 8 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 4 + 5 + 5 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 8 + 4 + 2 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 7 + 3 + 9 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

$$\begin{aligned} & 6 + 4 + 8 \\ & = 10 + \boxed{\phantom{0}} \\ & = \boxed{\phantom{0}} \end{aligned}$$

COPYRIGHT © 2017 JUMP MATH. NOT TO BE COPIED

# Making 10 to Add

Use the group of 10 to help you add.

7                      5

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

8                      6

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

9                      7

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

8                      8

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

7                      6

$7 + 6 = 10 + \underline{\quad} = \underline{\quad}$

4                      8

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

Yu groups 10 in two ways. Are the answers the same?

3                      9

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

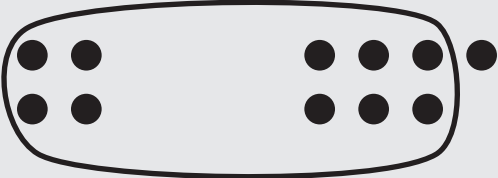
3                      9

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

COPYRIGHT © 2017 JUMP MATH. NOT TO BE COPIED


- Circle a group of 10.
- Use 10 to add.

4                      7




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

8                      6




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

9                      4




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

9                      2



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

7                      7



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

Draw the dots.


6                      9


$6 + 9 = 10 + \underline{\quad} = \underline{\quad}$


# Patterns in Adding


Colour the correct number of hearts.


Finish the addition sentence.

$0 + \boxed{4} = 4$    
coloured not coloured

$1 + \square = 4$    
coloured not coloured

$2 + \square = 4$    
coloured not coloured

$3 + \square = 4$    
coloured not coloured

$4 + \square = 4$    
coloured not coloured

As the number of  goes up by 1,  
the number of  goes \_\_\_\_\_.

Complete the addition sentence.



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



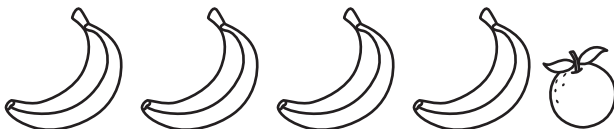
$$\boxed{1} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Which number is the same every time? \_\_\_\_\_

As the 1st number goes up by 1,

the 2nd number \_\_\_\_\_.

# One More, One Less

$3 + 2 = 5$       ○○○    ○○  
so  $4 + 2 = \underline{6}$       ●○○○    ○○

$7 + 3 = 10$       ○○○○○○○○    ○○○  
so  $8 + 3 = \underline{\quad}$       ●○○○○○○○    ○○○

$8 + 2 = 10$       ○○○○○○○○    ○○  
so  $9 + 2 = \underline{\quad}$       ●○○○○○○○    ○○

$6 + 4 = 10$       ○○○○○○    ○○○○  
so  $6 + 5 = \underline{\quad}$       ○○○○○○    ●○○○○○

$4 + 1 = 5$   
so  $4 + 2 = \underline{\quad}$

$6 + 4 = 10$   
so  $7 + 4 = \underline{\quad}$

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

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

COPYRIGHT © 2017 JUMP MATH. NOT TO BE COPIED

$7 + 3 = 10$



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



$3 + 2 = 5$



so  $3 + 1 = \underline{\quad}$



$6 + 4 = 10$



so  $5 + 4 = \underline{\quad}$



$4 + 1 = 5$



so  $4 + 0 = \underline{\quad}$



$5 + 5 = 10$

so  $4 + 5 = \underline{\quad}$

$2 + 3 = 5$

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

$4 + 1 = 5$

so  $3 + 1 = \underline{\quad}$

$5 + 5 = 10$

so  $5 + 4 = \underline{\quad}$



$6 + 4 = 10$



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



$6 + 4 = 10$



so  $5 + 4 = \underline{\quad}$



$7 + 3 = 10$



so  $7 + 4 = \underline{\quad}$



$7 + 3 = 10$

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

$7 + 3 = 10$

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

$5 + 5 = 10$

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

$5 + 5 = 10$

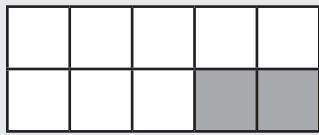
so  $4 + 5 = \underline{\quad}$

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

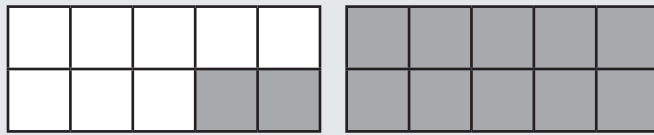
$2 + 9 = \underline{\quad}$

# Pairs Adding to 20

Complete the addition sentences.



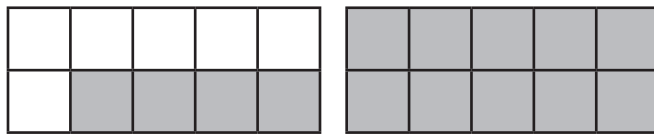
$$8 + \underline{2} = 10 \quad \text{so}$$



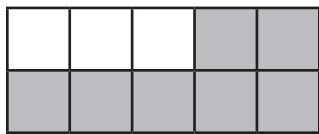
$$8 + \underline{12} = 20$$



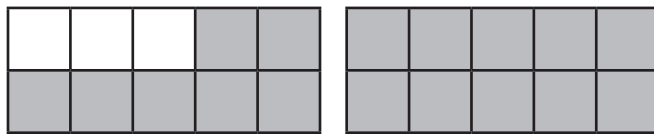
$$6 + \underline{\quad} = 10 \quad \text{so}$$



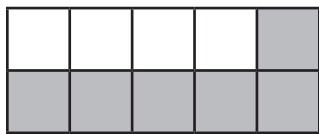
$$6 + \underline{\quad} = 20$$



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



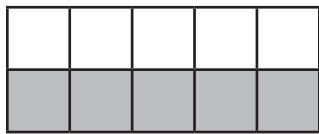
$$3 + \underline{\quad} = 20$$



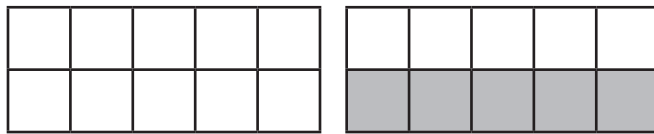
$$4 + \underline{\quad} = 10 \quad \text{so}$$



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



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



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

Complete the addition sentences.

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

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

$$5 + \underline{\quad} = 10$$
$$\text{so } 5 + \underline{\quad} = 20$$

$$2 + \underline{\quad} = 10$$
$$\text{so } 12 + \underline{\quad} = 20$$

$$4 + \underline{\quad} = 10$$
$$\text{so } 14 + \underline{\quad} = 20$$

$$6 + \underline{\quad} = 10$$
$$\text{so } 6 + \underline{\quad} = 20$$

$$6 + \underline{\quad} = 10$$
$$\text{so } 16 + \underline{\quad} = 20$$

$$3 + \underline{\quad} = 10$$
$$\text{so } 13 + \underline{\quad} = 20$$

Complete the addition sentence.

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

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

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

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

# Doubles within 20

8 is  $5 + 3$



so the double of 8



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



6 is  $5 + 1$



so the double of 6



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



7 is  $5 + 2$



so the double of 7



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



10 is  $5 + 5$



so the double of 10



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



9 is  $5 + 4$



so the double of 9



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



Move up a row to fill in the blank.

1	2	3	4	5
6	7	8	9	10

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

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

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

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

Double the number using 5 and 10.

$9 = 5 + \underline{4}$   
so the double of 9  
is  $10 + \underline{8} = \underline{18}$

$7 = 5 + \underline{\quad}$   
so the double of 7  
is  $10 + \underline{\quad} = \underline{\quad}$

$6 = 5 + \underline{\quad}$   
so the double of 6  
is  $10 + \underline{\quad} = \underline{\quad}$

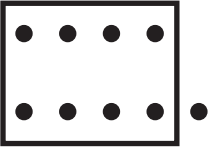
$8 = 5 + \underline{\quad}$   
so the double of 8  
is  $10 + \underline{\quad} = \underline{\quad}$

$10 = 5 + \underline{\quad}$   
so the double of 10  
is  $10 + \underline{\quad} = \underline{\quad}$

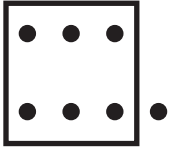
$11 = 5 + \underline{\quad}$   
so the double of 11  
is  $10 + \underline{\quad} = \underline{\quad}$

# Using Doubles to Add

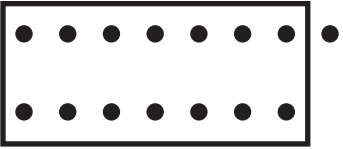
Double and then add 1.



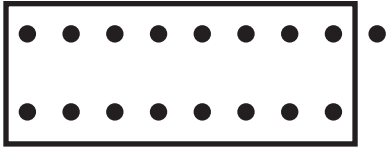
$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$4 + 4 + 1 = \square$$


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

$$3 + 3 + 1 = \square$$


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

$$7 + 7 + 1 = \square$$


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

$$8 + 8 + 1 = \square$$

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

so  $6 + 7 = \underline{\quad}$

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

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

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

so  $7 + 8 = \underline{\quad}$

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

so  $5 + 4 = \underline{\quad}$

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

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

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

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

COPYRIGHT © 2017 JUMP MATH. NOT TO BE COPIED

Solve the problem.

Rani has 8 stickers. Matt has double that number.  
How many stickers does Matt have?

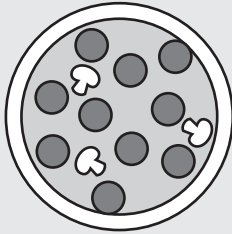
Amir is 6 years old. Nina is double Amir's age.  
How old is Nina?

Kim is 5 years old. Glen is double as old as Kim.  
Sindi is one year younger than Glen. How old  
is Sindi?

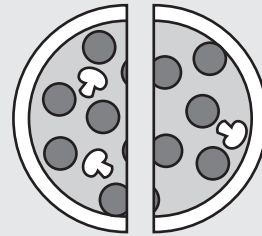
Alex picks 9 strawberries. Jin picks double that.  
Sally picks one more than Jin. How many does  
Sally pick?

# Halves and Quarters

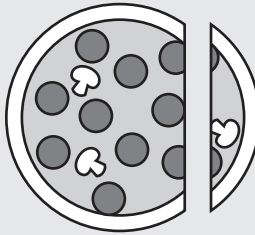
a whole pizza



a pizza cut in half

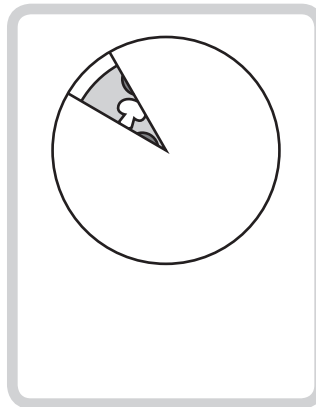
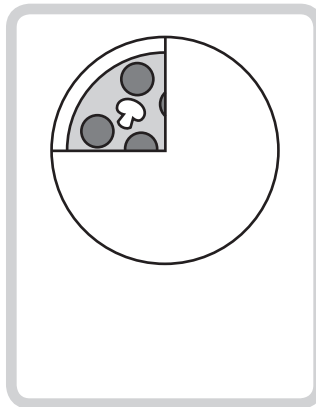
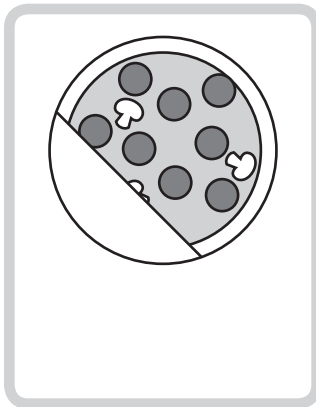
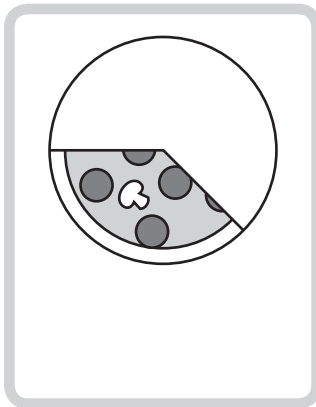
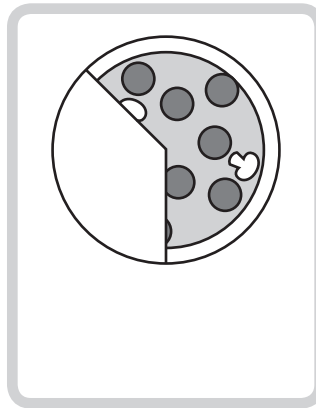
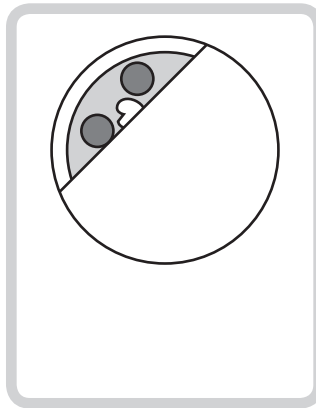
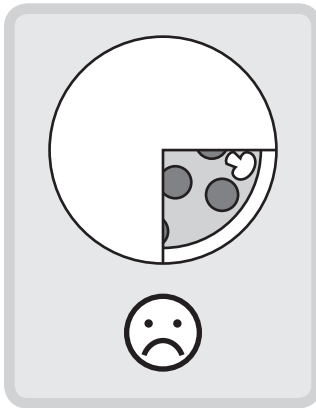
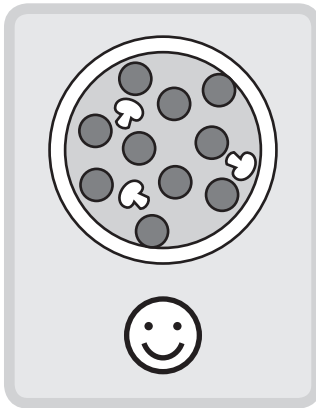


more than half



less than half

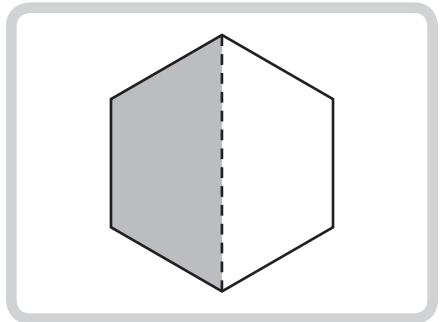
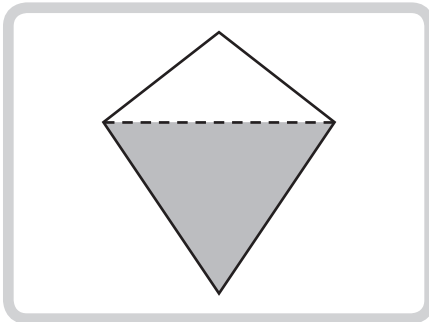
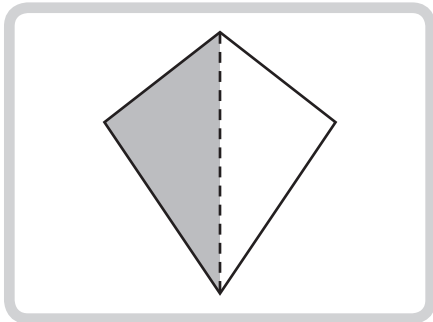
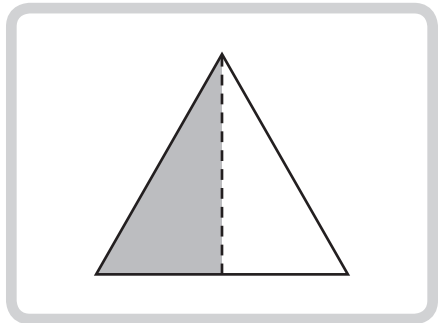
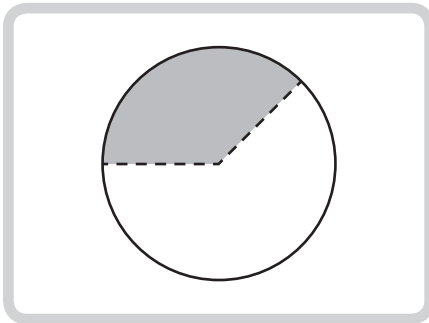
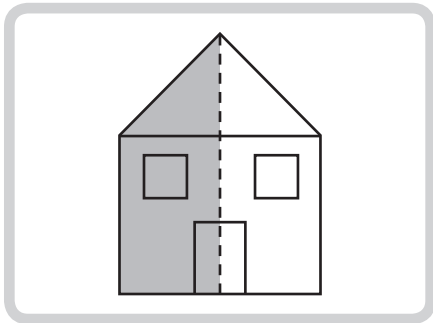
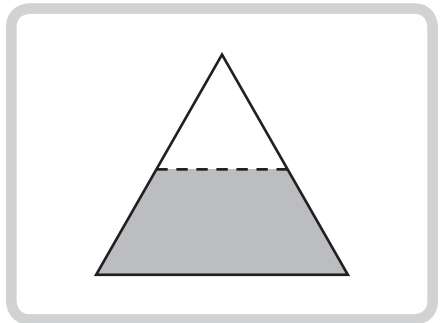
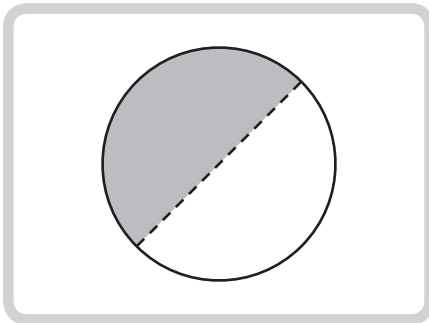
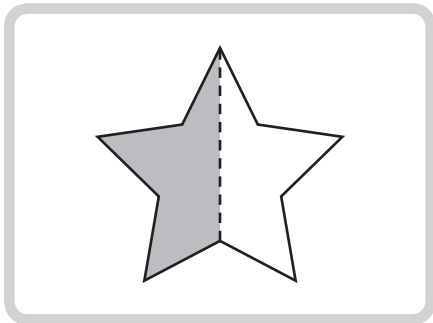
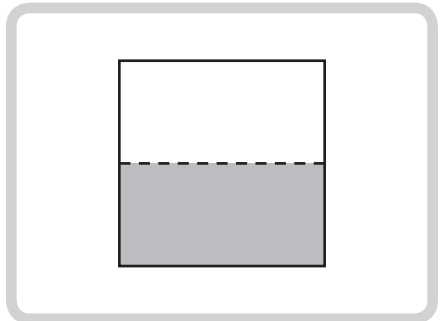
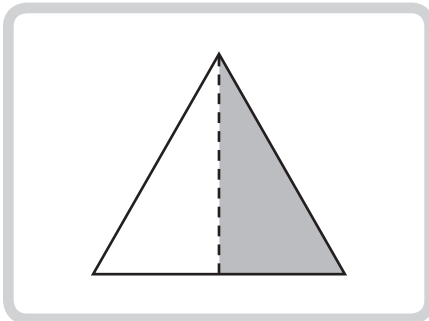
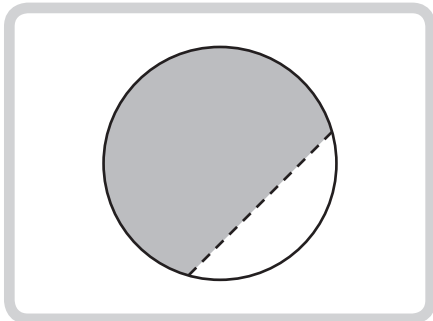
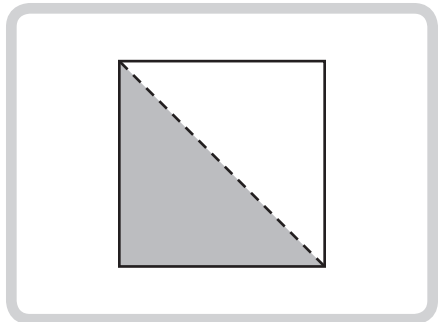
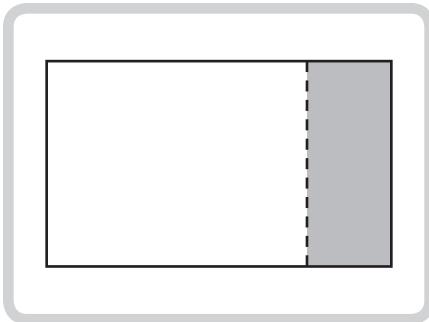
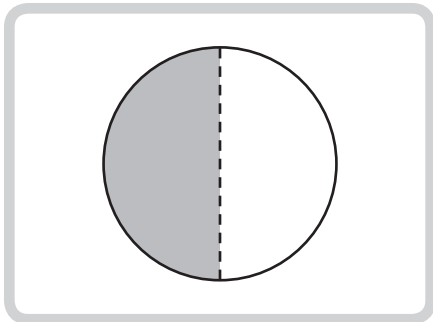
- Write 😊 if the pizza part is **more** than half.
- Write ☹️ if the pizza part is **less** than half.



COPYRIGHT © 2017 JUMP MATH: NOT TO BE COPIED

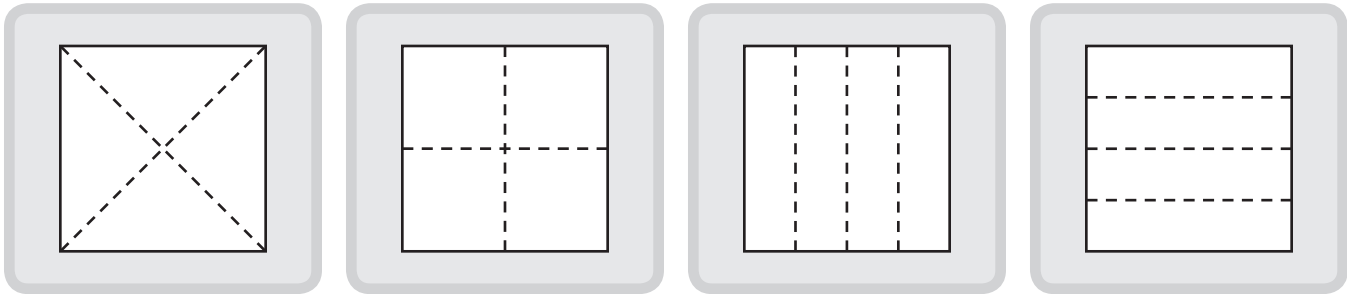


Circle the pictures that show a half.

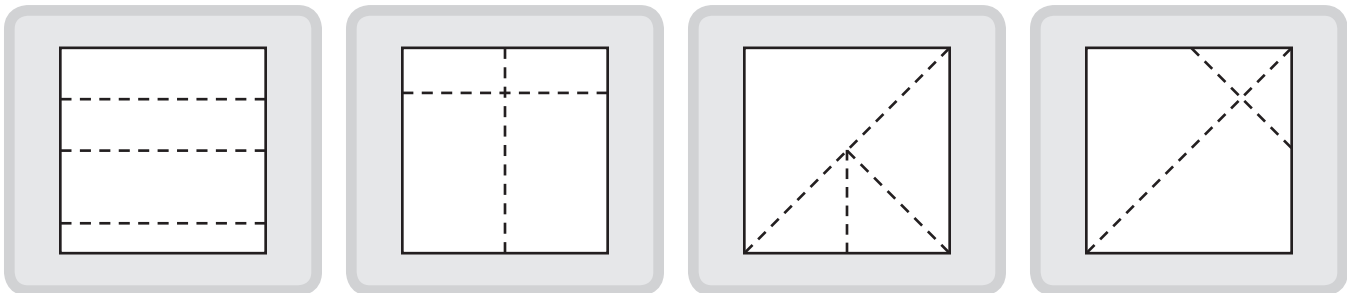


COPYRIGHT © 2017 JUMP MATH: NOT TO BE COPIED

Here are 4 ways to fold a square into **quarters**.



These are **not** quarters.



Circle the pictures that show a quarter.

