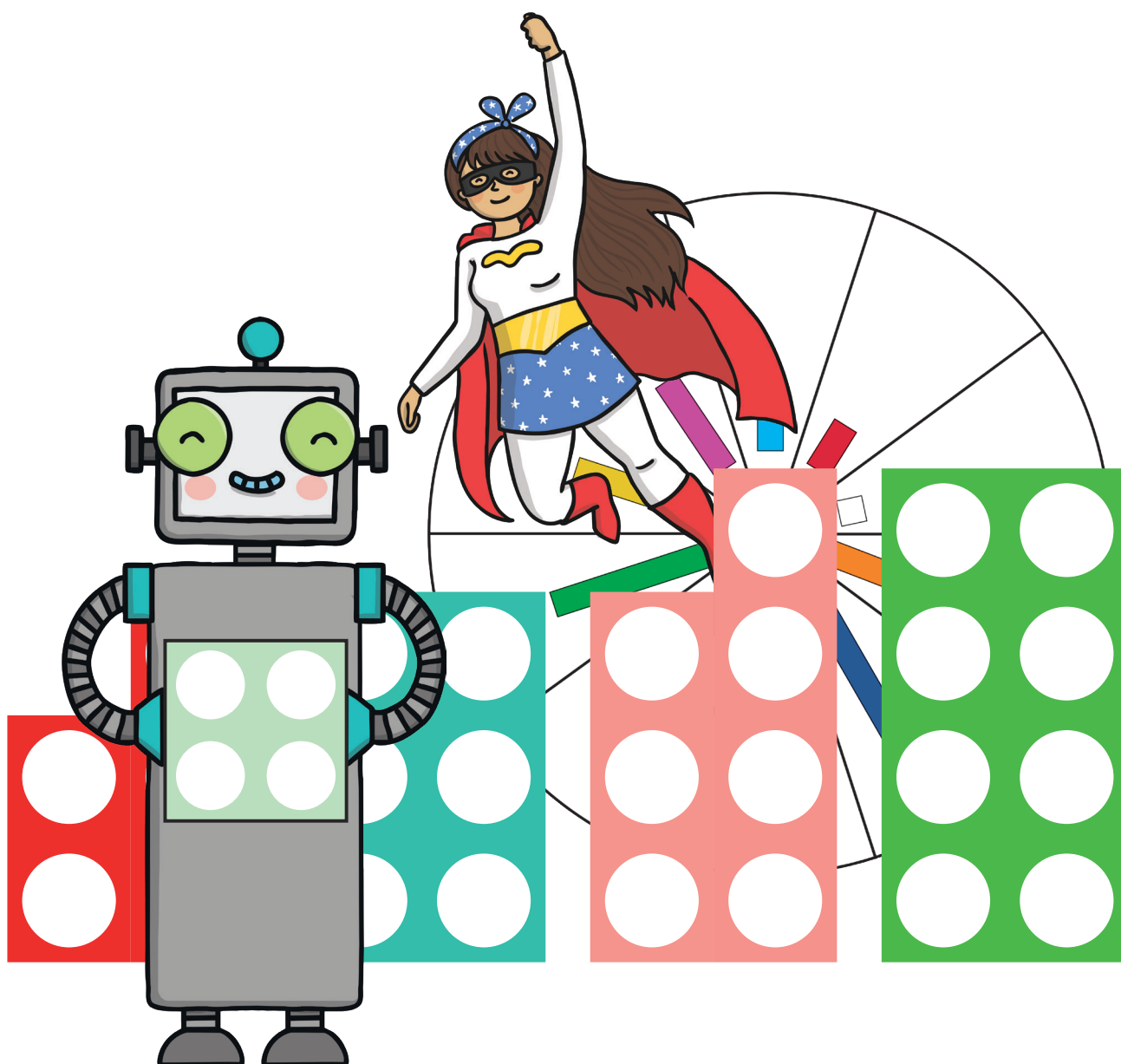


Number Bonds to 10

Activity Booklet



Rainbow to 10



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

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

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

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

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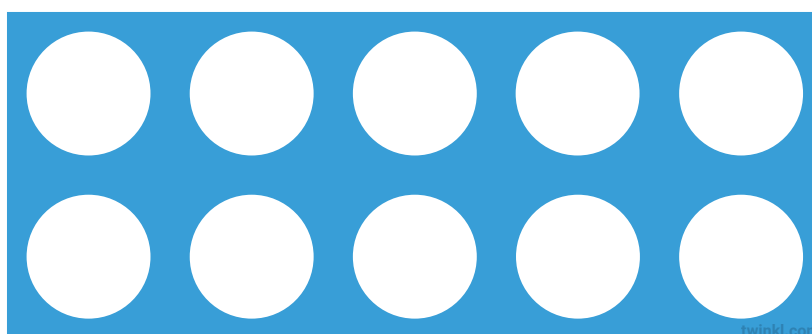
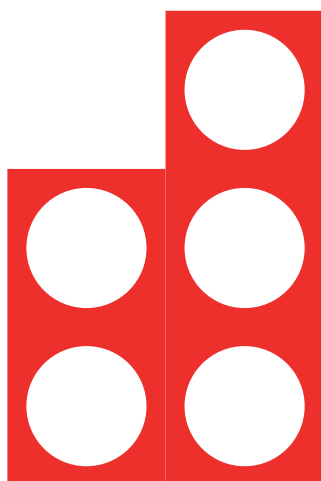
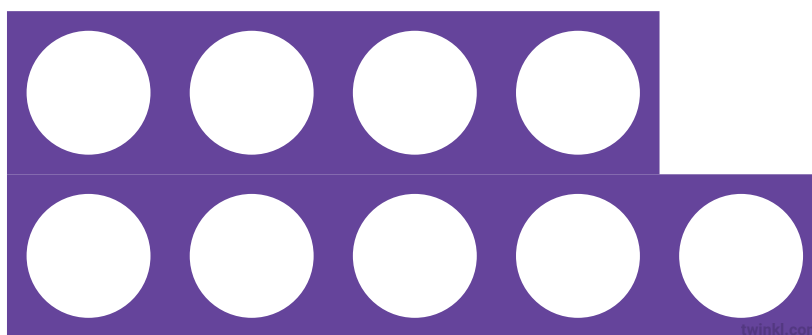
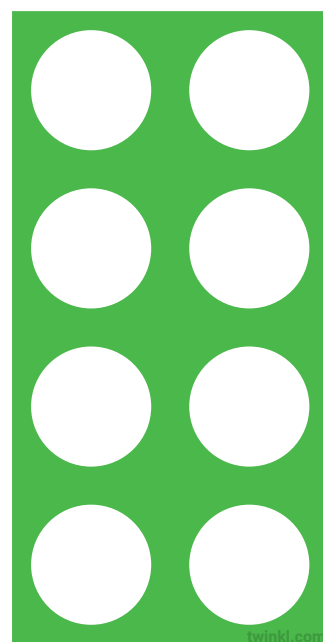
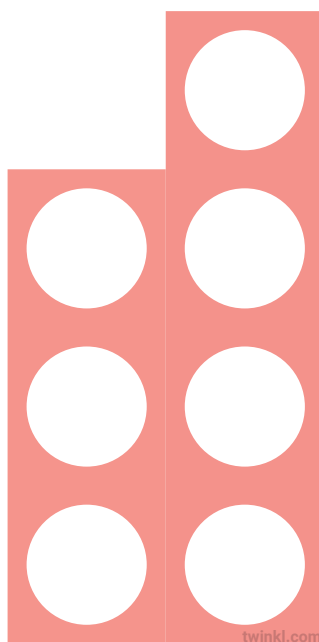
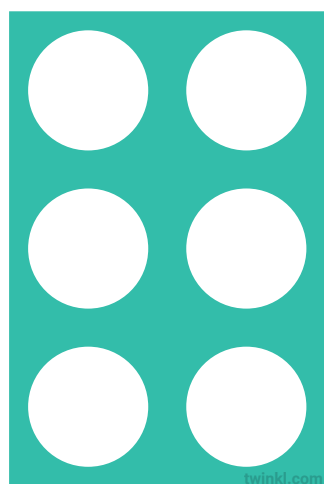
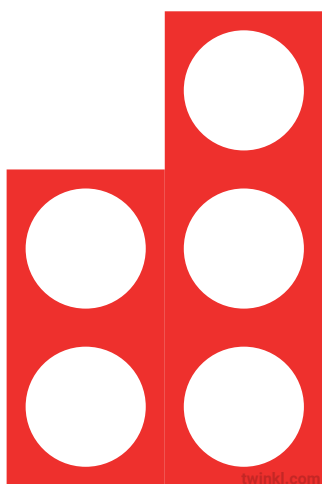
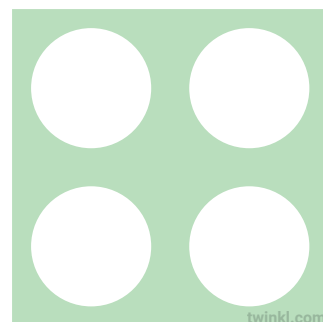
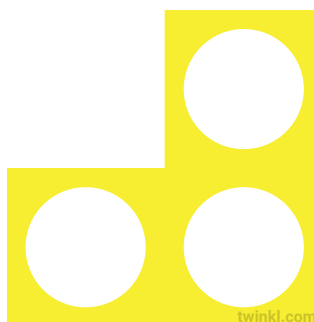
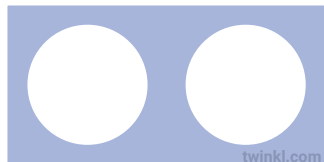
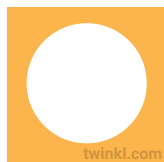
$$\underline{\quad} + \underline{\quad} = 10$$

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

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

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

Number Shape Pieces



Say It Make It Write It Mat

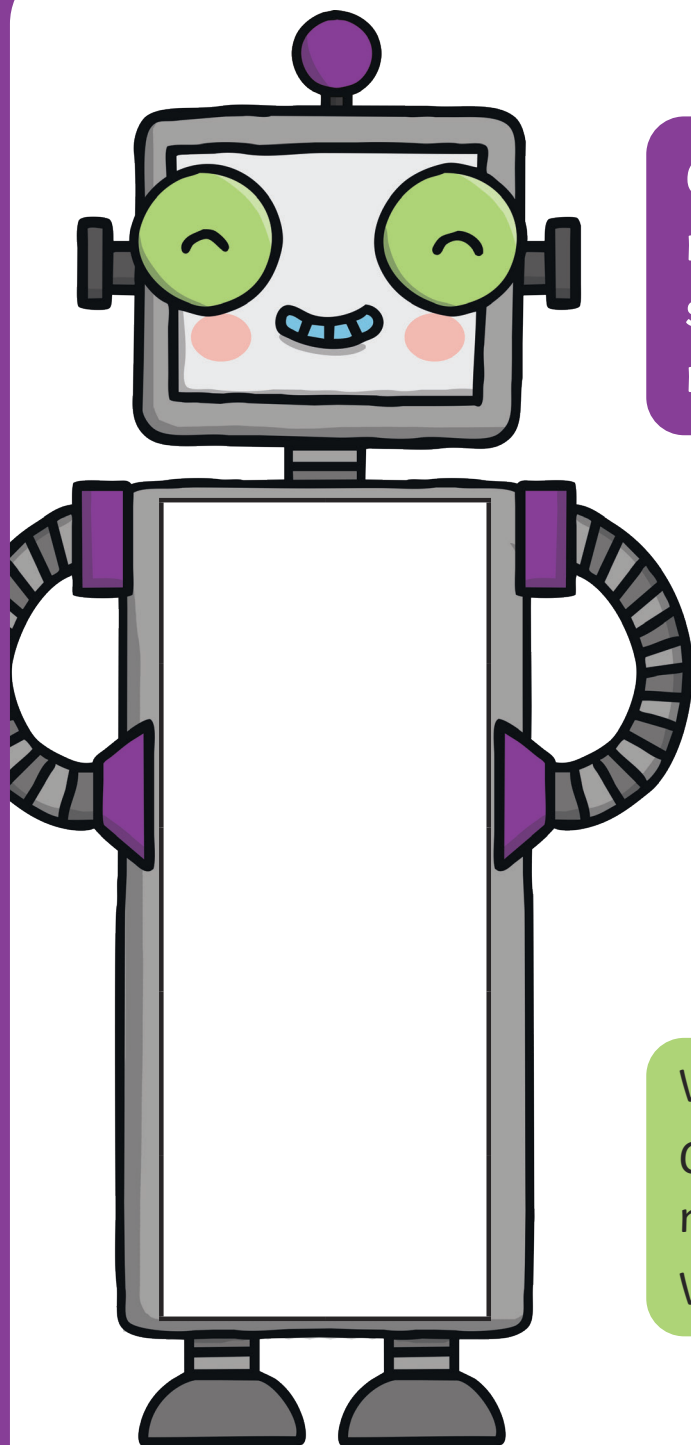
Cut these words out and stick them into the 'Read it' section.

$1 + 9$	$2 + 8$	$7 + 3$
$6 + 4$	$5 + 5$	$10 + 0$
$9 + 1$	$8 + 2$	$3 + 7$
$4 + 6$	$0 + 10$	

Read it

Write it

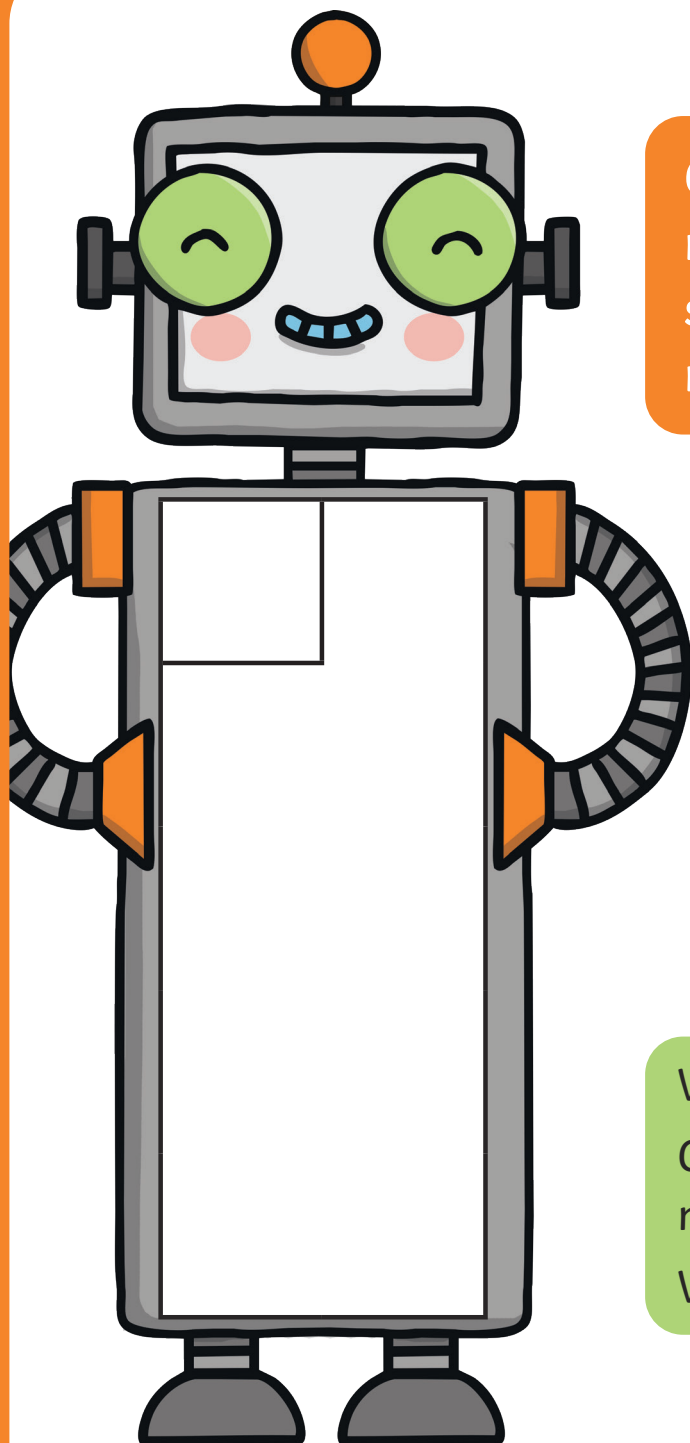
Make it



Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
Can you write a number sentence?
What is the total?

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

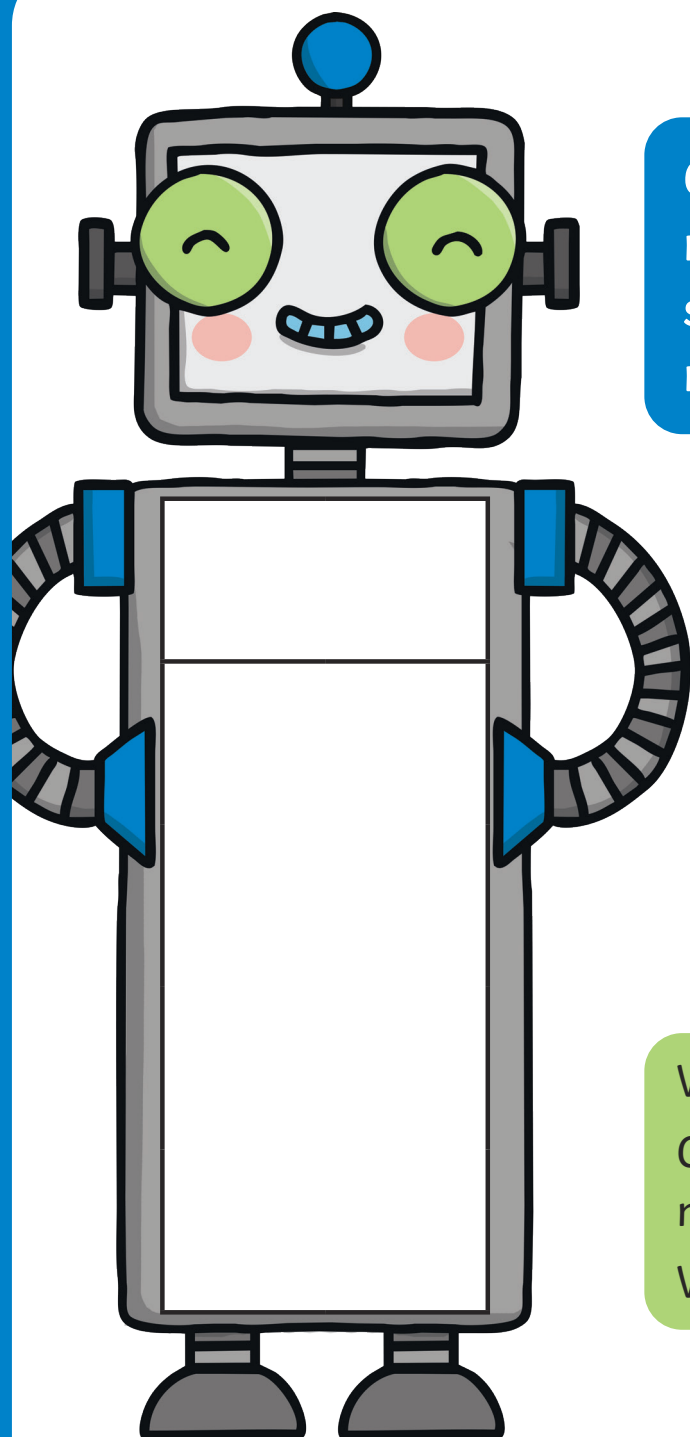


Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
Can you write a number sentence?
What is the total?

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



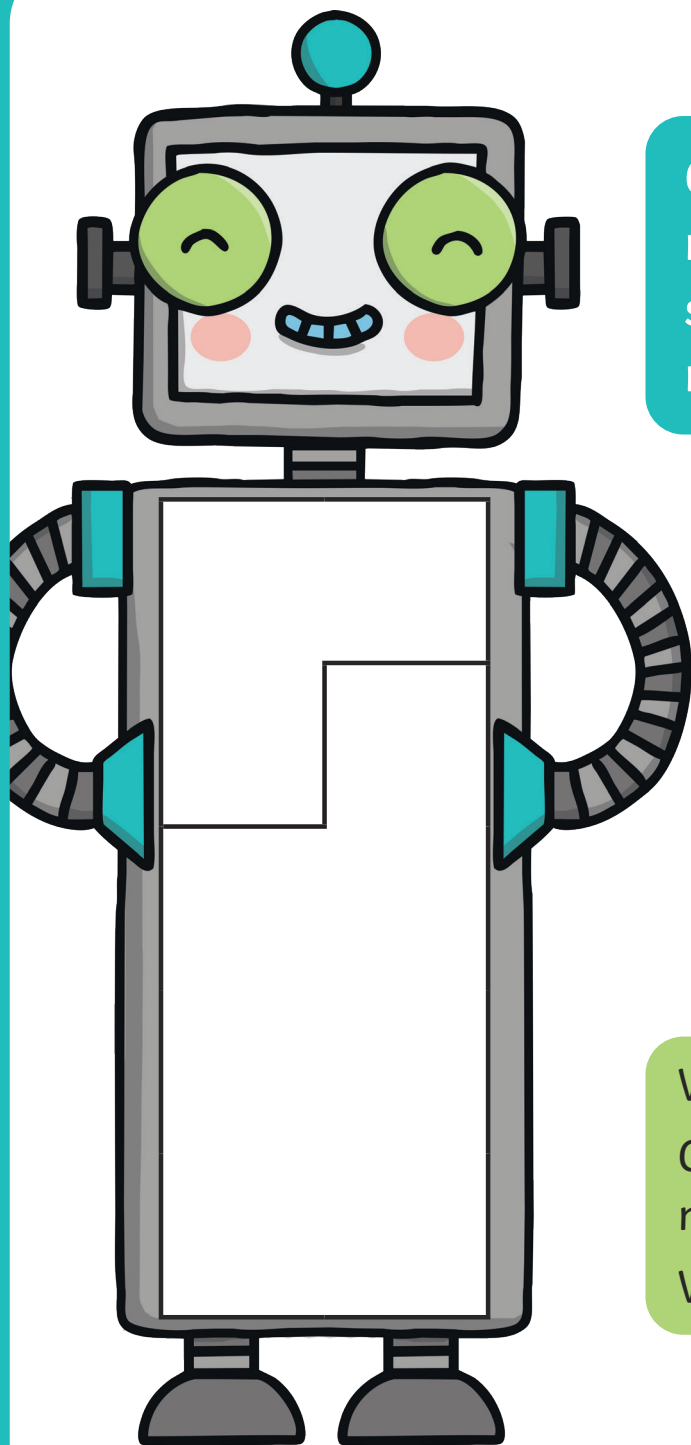


Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
Can you write a number sentence?
What is the total?

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



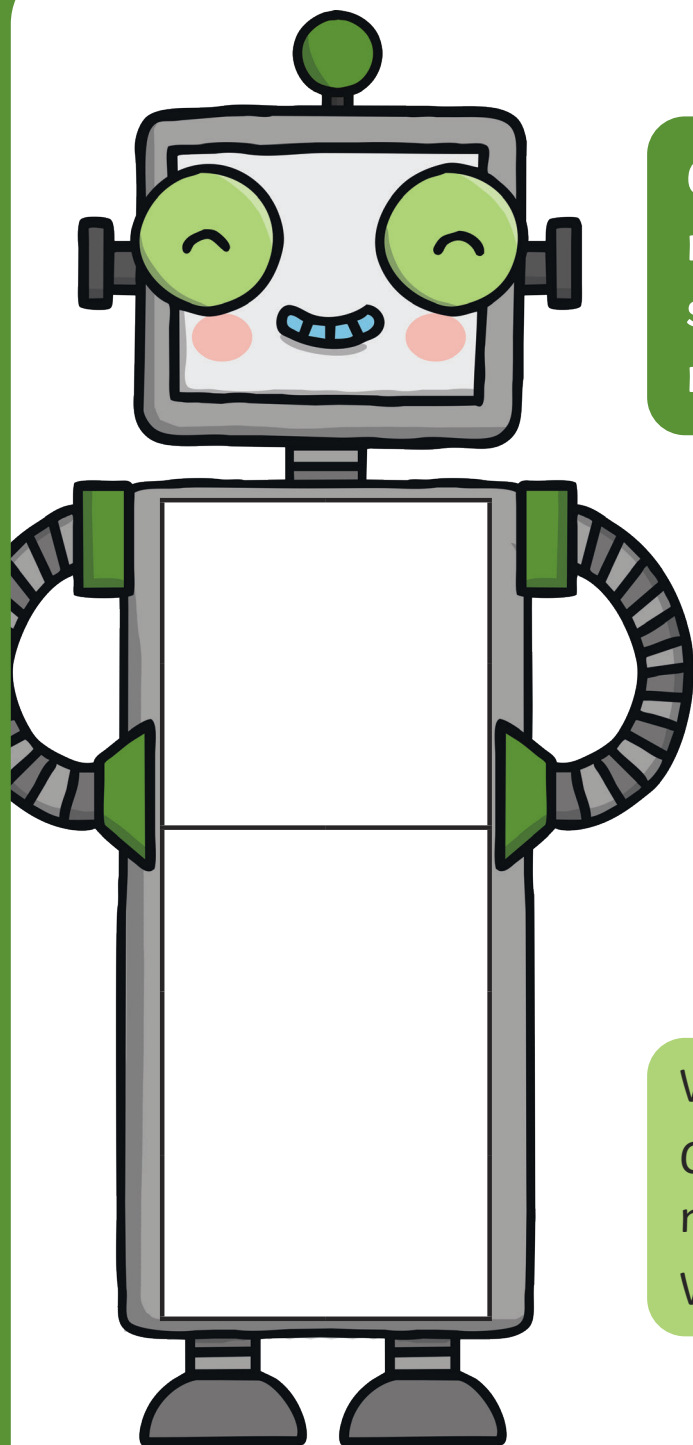


Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
Can you write a number sentence?
What is the total?

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



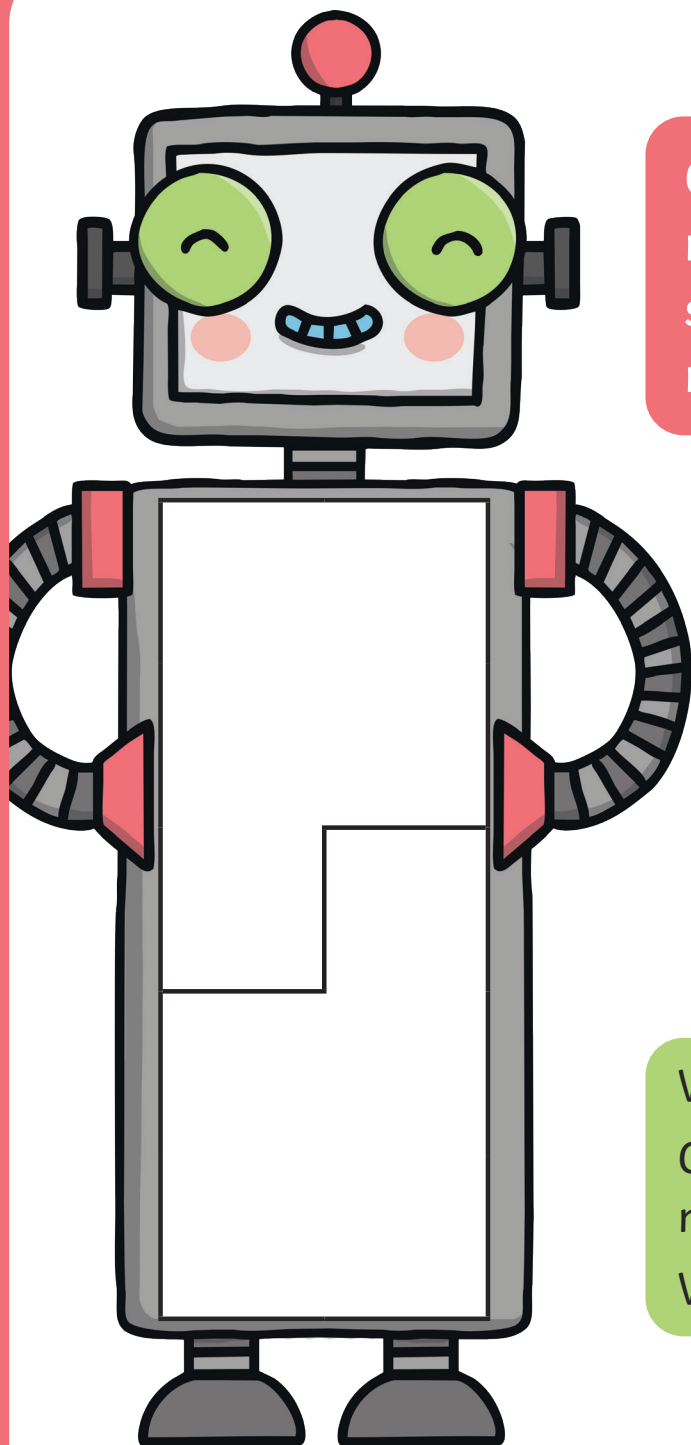


Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
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What is the total?

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





Can you find the matching number shapes to fill this number shape robot?

Which pieces did you use?
Can you write a number sentence?
What is the total?

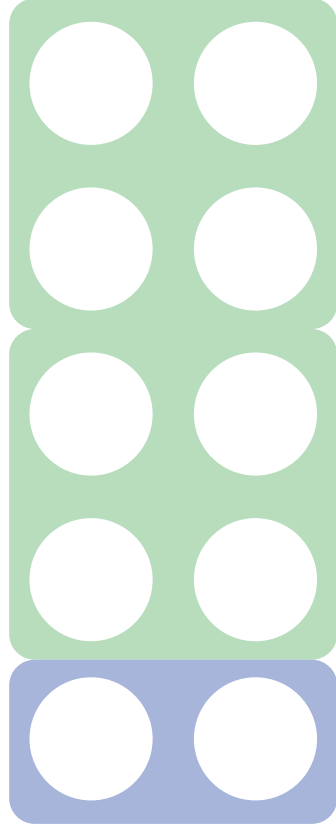
$$\square + \square = \square$$



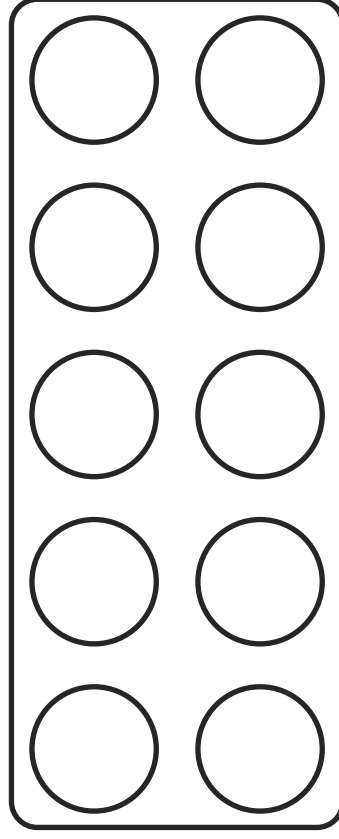
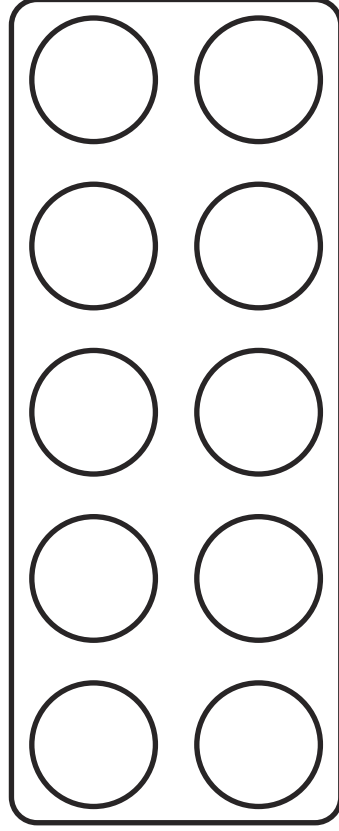
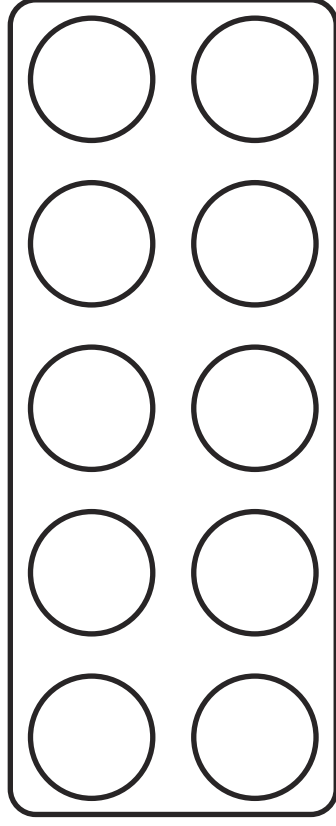
Number Bonds to Ten Using Number Shapes

How many ways can you make 10? Write your addition statement underneath each representation.

E.g.



$$2 + 4 + 4 = 10$$



Number Bonds to Ten Using Number Shapes

How many ways can you make 10? Write your addition statement underneath each representation.

○	○	○	○	○
○	○	○	○	○

○	○	○	○	○
○	○	○	○	○

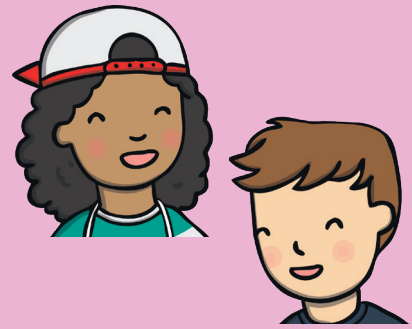
○	○	○	○	○
○	○	○	○	○

○	○	○	○	○
○	○	○	○	○

Make Ten Number Rods Game

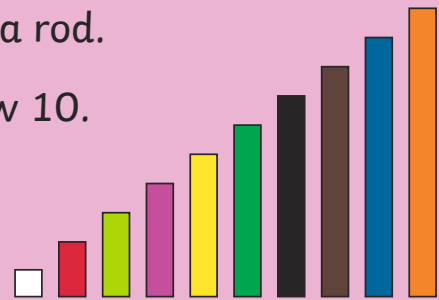
You will need:

- A partner
- A Number Rods Spinner
- Number rods of different colours



Instructions

- Take turns to spin the spinner and take a rod.
- Use your rods to make models that show 10.
- The winner is the first person to make three models showing ten.

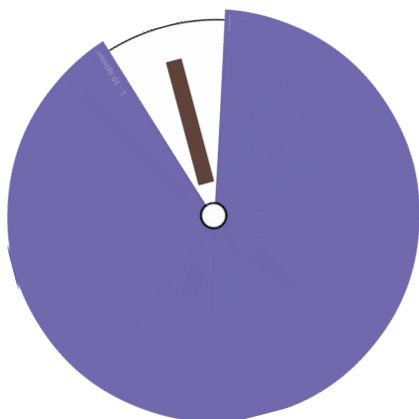


Talk About...

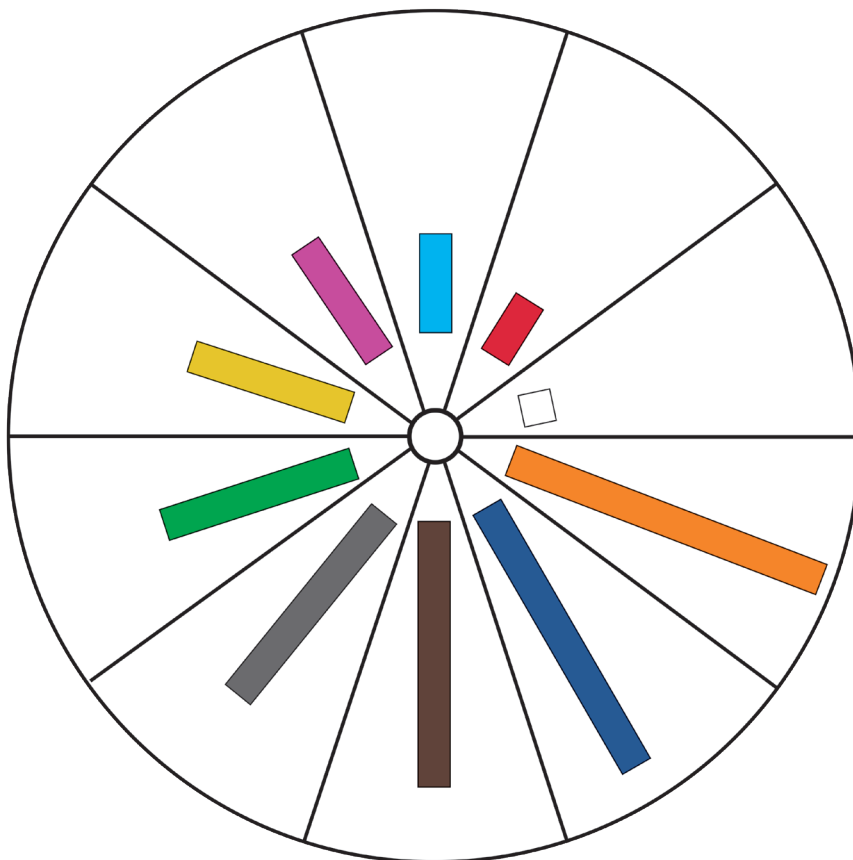
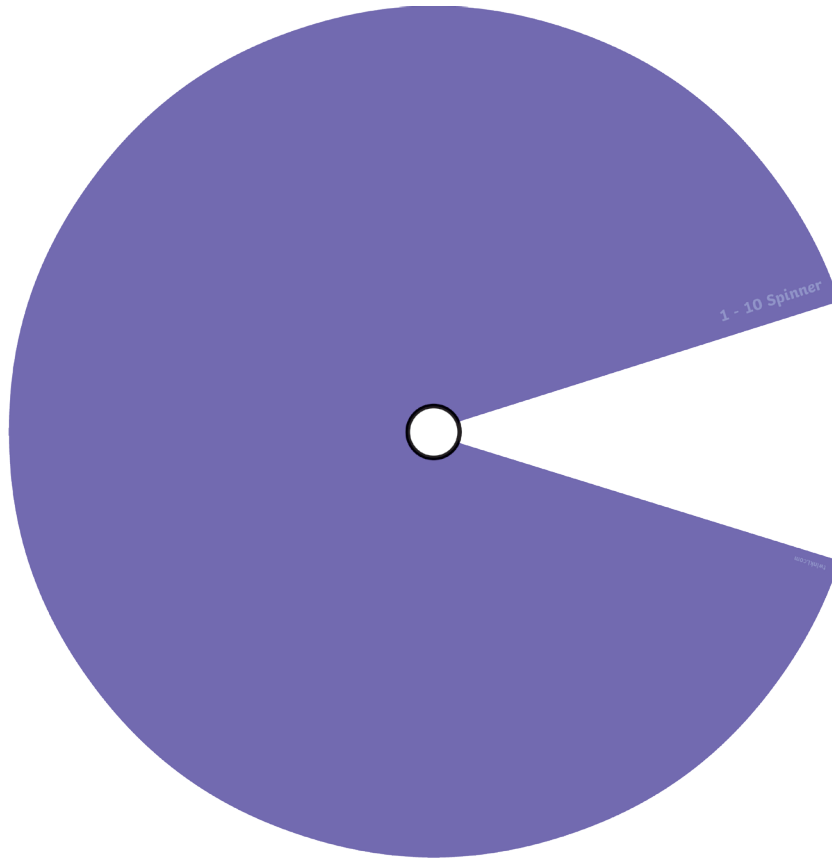
How did you check whether your rods totalled 10?

Did you make any tens using more than two rods?

What is the least number of turns you would need to take to win the game?



Make Ten Number Rods Game



Number Bonds to 10 Number Line Challenge Cards

$$7 + \square = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$6 + \square = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$5 + \square = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$4 + \square = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 10 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 9 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 8 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 7 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 2 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 1 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$\square + 0 = 10$$



Number Bonds to 10 Number Line Challenge Cards

$$0 + 10 = \square$$



Use known number facts to fill in the missing numbers on these bar models.

1.

10	

2.

10	

3.

10	

4.

10	

5.

10	

6.

10	

7.

10	

8.

10	

9.

10	

10.

10	

Number Bonds to 10 Activity Booklet Worksheet

Find all the number bonds to 10 that are hidden within the grid.

- These are hidden vertically, horizontally and diagonally.
- There must be a plus sign between the two numbers for it to count.
- There are 11 calculations to find.

1	+	9	6	+	6	2	4
2	6	+	4	0	5	+	1
+	10	+	8	+	6	3	+
3	3	+	7	10	1	+	5
5	+	8	+	1	7	6	8
+	5	+	4	2	+	10	2
5	+	2	8	+	3	+	+
5	+	9	+	1	4	0	8

Number Shape Number Bonds to 10 Missing Numbers

Use the number shapes to work out the missing number in each question.

$$\begin{array}{c} \color{orange}{\square} \end{array} + \square = \begin{array}{|c|c|c|c|c|} \hline \circ & \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ & \circ \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline \circ & \circ \\ \hline \circ & \circ \\ \hline \end{array} + \square = \begin{array}{|c|c|c|c|c|} \hline \circ & \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ & \circ \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline \circ & \circ & \circ \\ \hline \circ & \circ & \circ \\ \hline \end{array} + \square = \begin{array}{|c|c|c|c|c|} \hline \circ & \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ & \circ \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ \\ \hline \end{array} + \square = \begin{array}{|c|c|c|c|c|} \hline \circ & \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ & \circ \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline \circ & \circ & \circ \\ \hline \circ & \circ & \circ \\ \hline \end{array} + \square = \begin{array}{|c|c|c|c|c|} \hline \circ & \circ & \circ & \circ & \circ \\ \hline \circ & \circ & \circ & \circ & \circ \\ \hline \end{array}$$

A number bond diagram. On the left is a green rectangular box containing 6 white circles arranged in two rows of three. To its right is a plus sign, followed by a large empty square box. To the right of the square box is an equals sign, followed by a blue rectangular box containing 10 white circles arranged in two rows of five.

A number bond diagram. On the left is a large empty square box. To its right is a plus sign, followed by a red L-shaped box containing 5 white circles (3 in the top row, 2 in the bottom row). To the right of the red box is an equals sign, followed by a blue rectangular box containing 10 white circles arranged in two rows of five.

A number bond diagram. On the left is a red L-shaped box containing 5 white circles (3 in the top row, 2 in the bottom row). To its right is a plus sign, followed by a large empty square box. To the right of the square box is an equals sign, followed by a blue rectangular box containing 10 white circles arranged in two rows of five.

A number bond diagram. On the left is a large empty square box. To its right is a plus sign, followed by a purple L-shaped box containing 9 white circles (5 in the top row, 4 in the bottom row). To the right of the purple box is an equals sign, followed by a blue rectangular box containing 10 white circles arranged in two rows of five.

A number bond diagram. On the left is a light blue vertical rectangular box containing 2 white circles. To its right is a plus sign, followed by a large empty square box. To the right of the square box is an equals sign, followed by a blue rectangular box containing 10 white circles arranged in two rows of five.

Superhero Missing Numbers

Can you find the missing numbers?

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

$$10 = 2 + \text{ }$$

$$\text{ } + 3 = 10$$

$$10 = \text{ } + 8$$

$$7 + \text{ } = 10$$

$$\text{ } + 4 = 10$$

$$10 + \text{ } = 10$$

