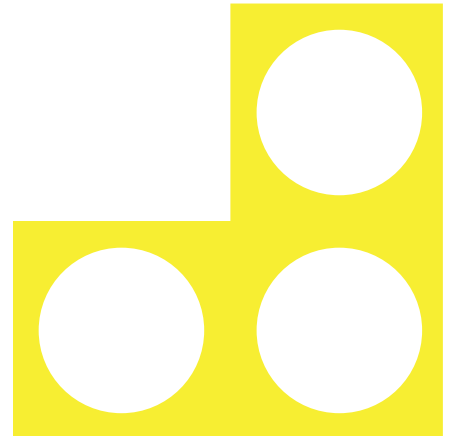
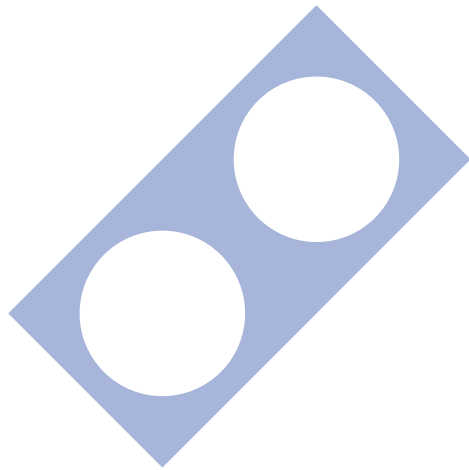
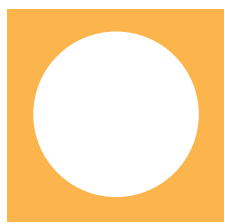
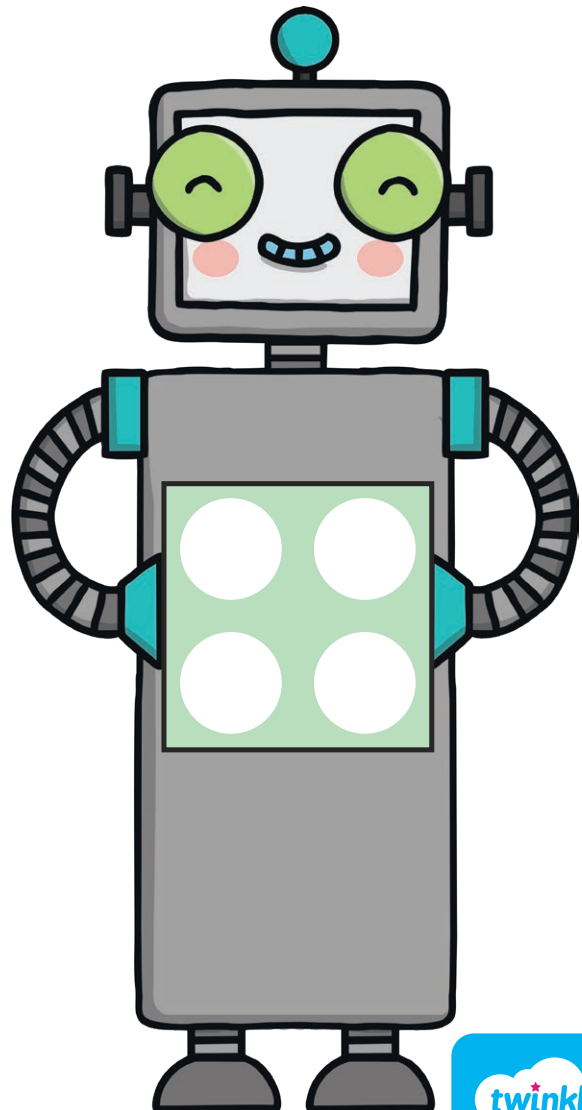


# Number Bonds of 10

## Activity Booklet



1  
2  
3



# Rainbow of 10



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

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

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

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

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

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

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

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

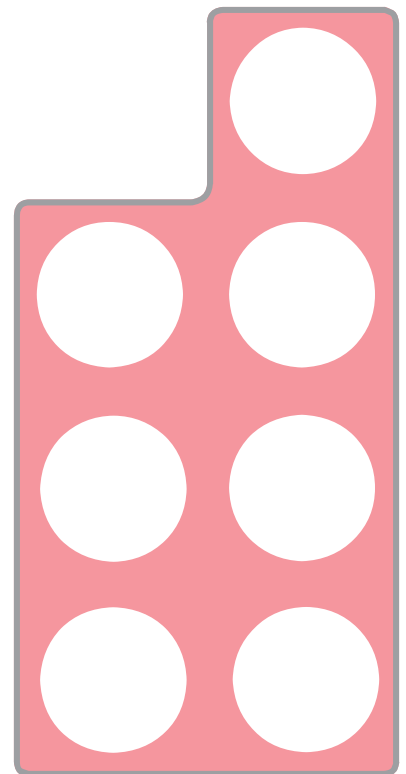
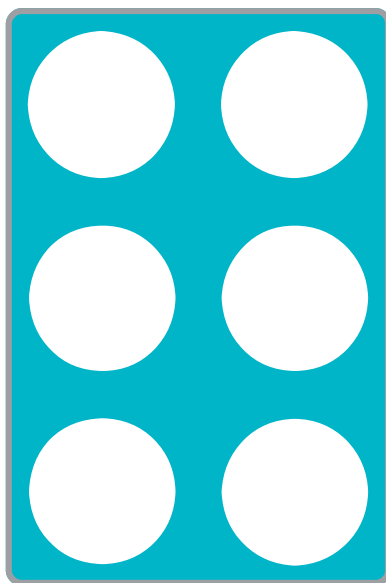
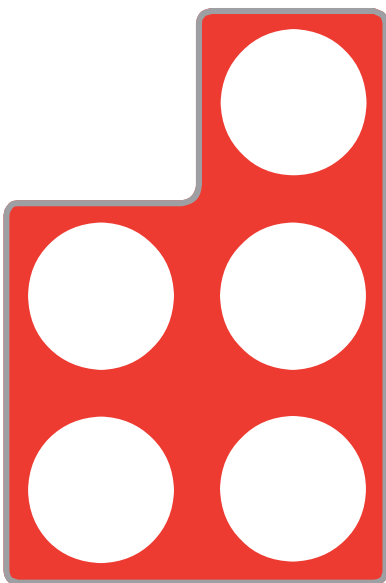
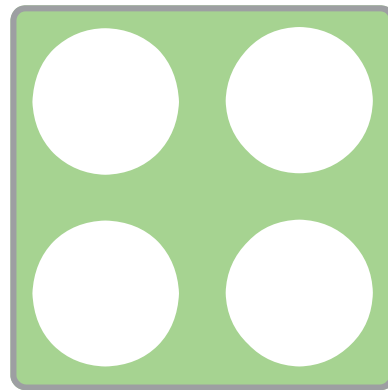
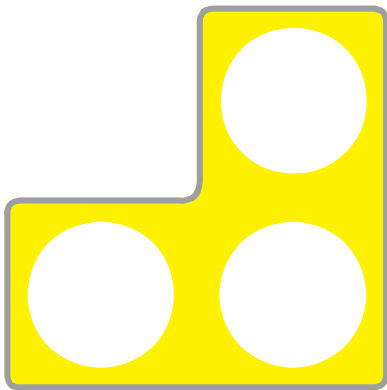
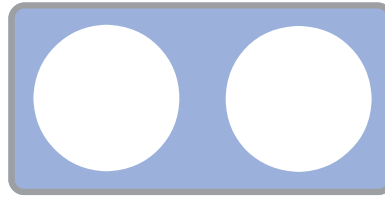
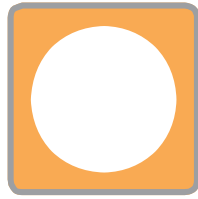
$$\underline{\quad} + \underline{\quad} = 10$$

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

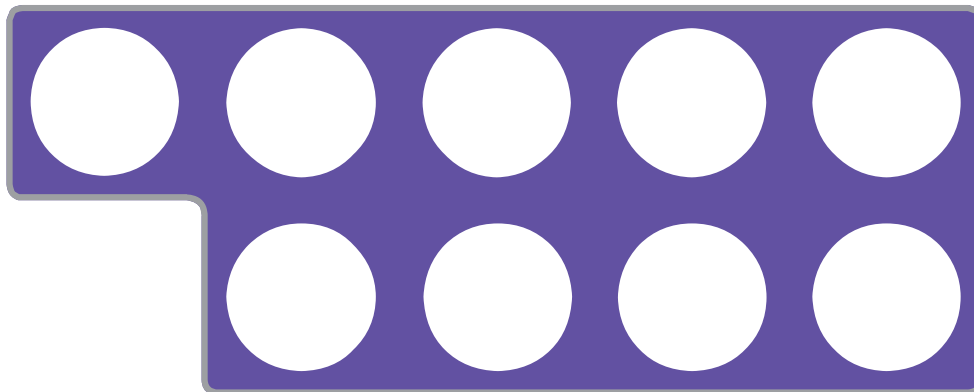
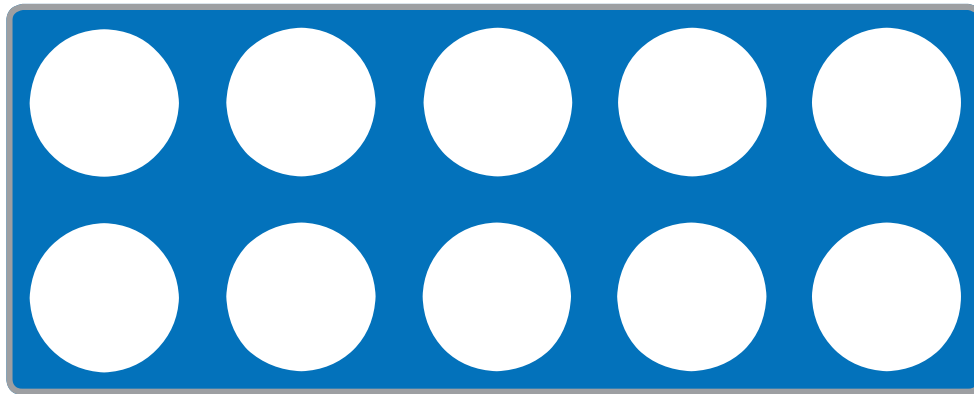
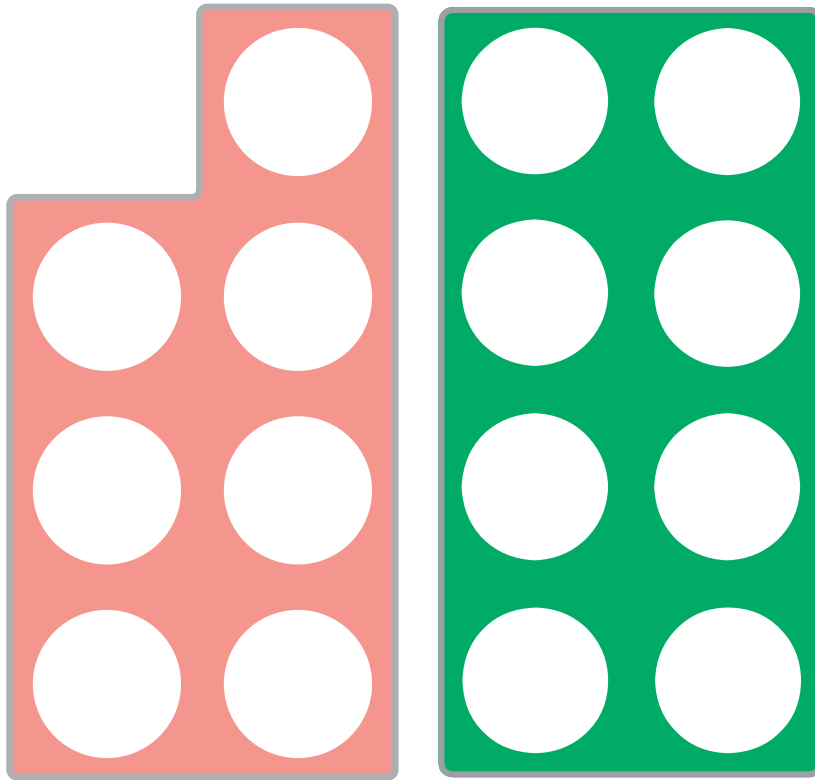
$$\underline{\quad} + \underline{\quad} = 10$$

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

# Numicon Shapes Pieces



# Numicon Shapes Pieces



# Say It Make It Write It Mat

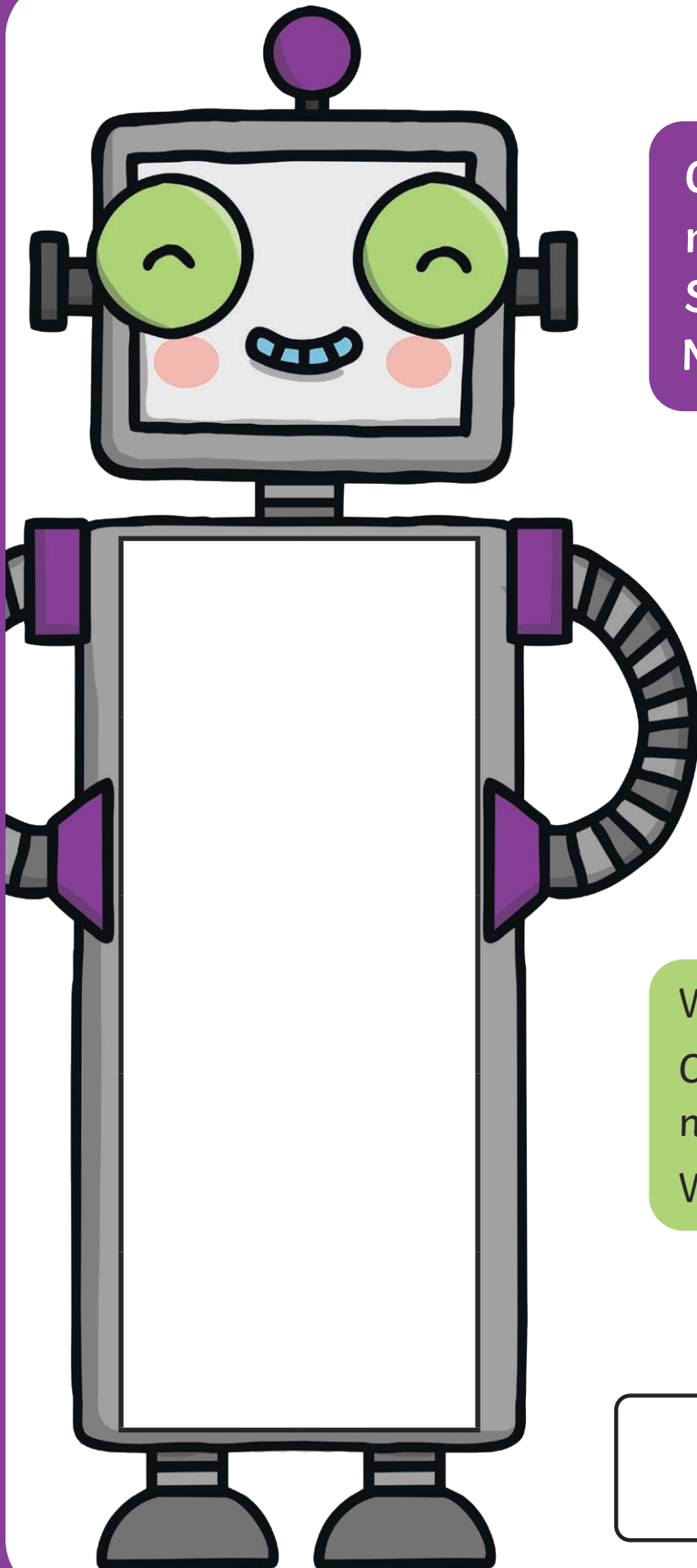
Cut these words out and stick them into the 'Read it' section.

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

**Read it**

**Write it**

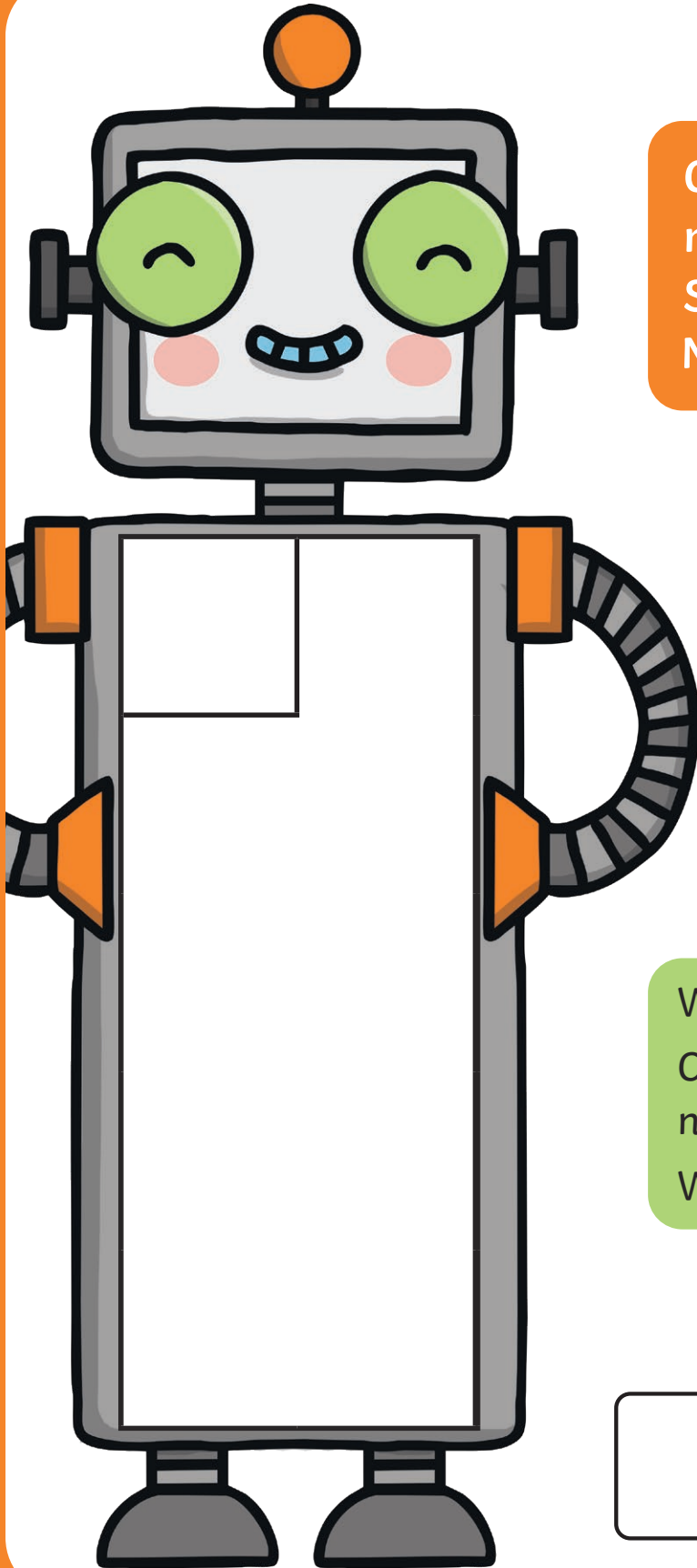
**Make it**



Can you find the matching Numicon Shapes to fill this Numicon Shapes robot?

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

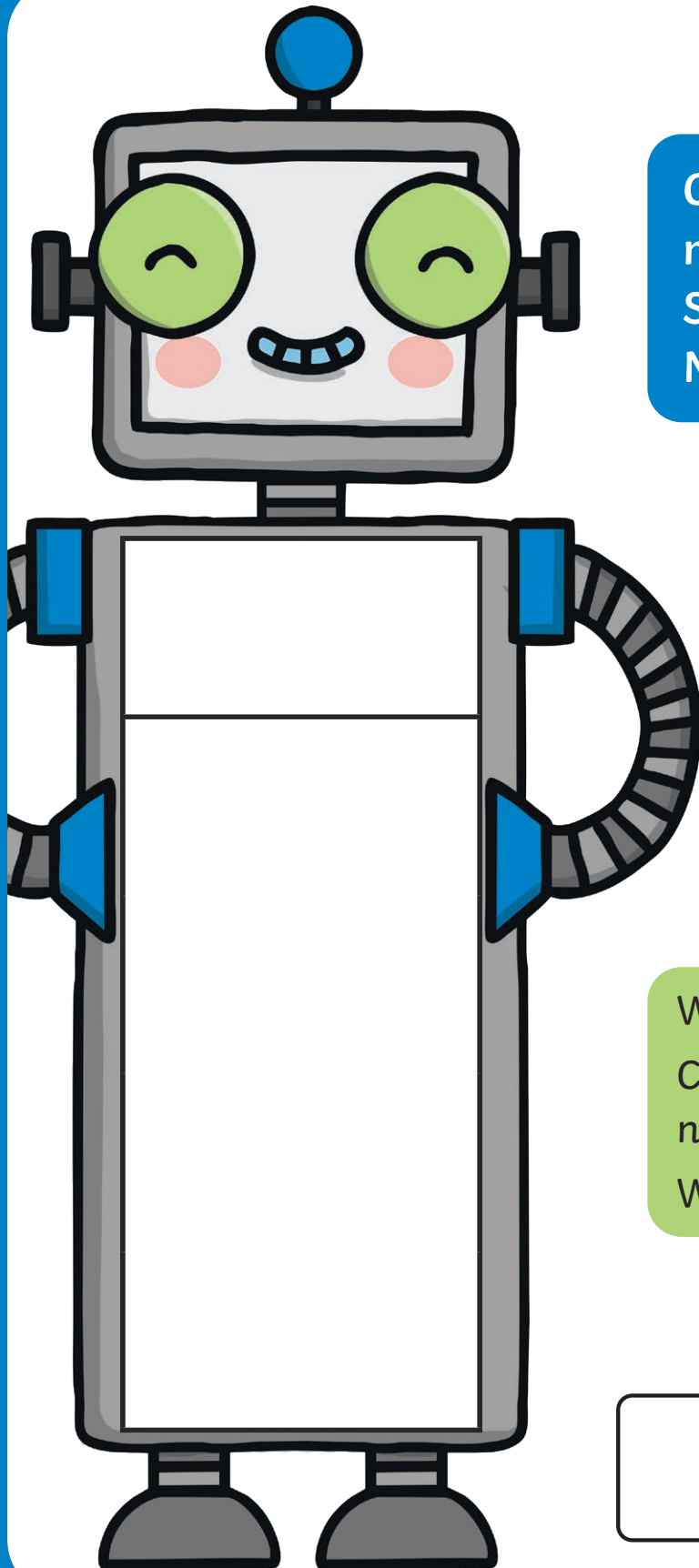
$$\square + \square = \square$$



Can you find the matching Numicon Shapes to fill this Numicon Shapes robot?

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

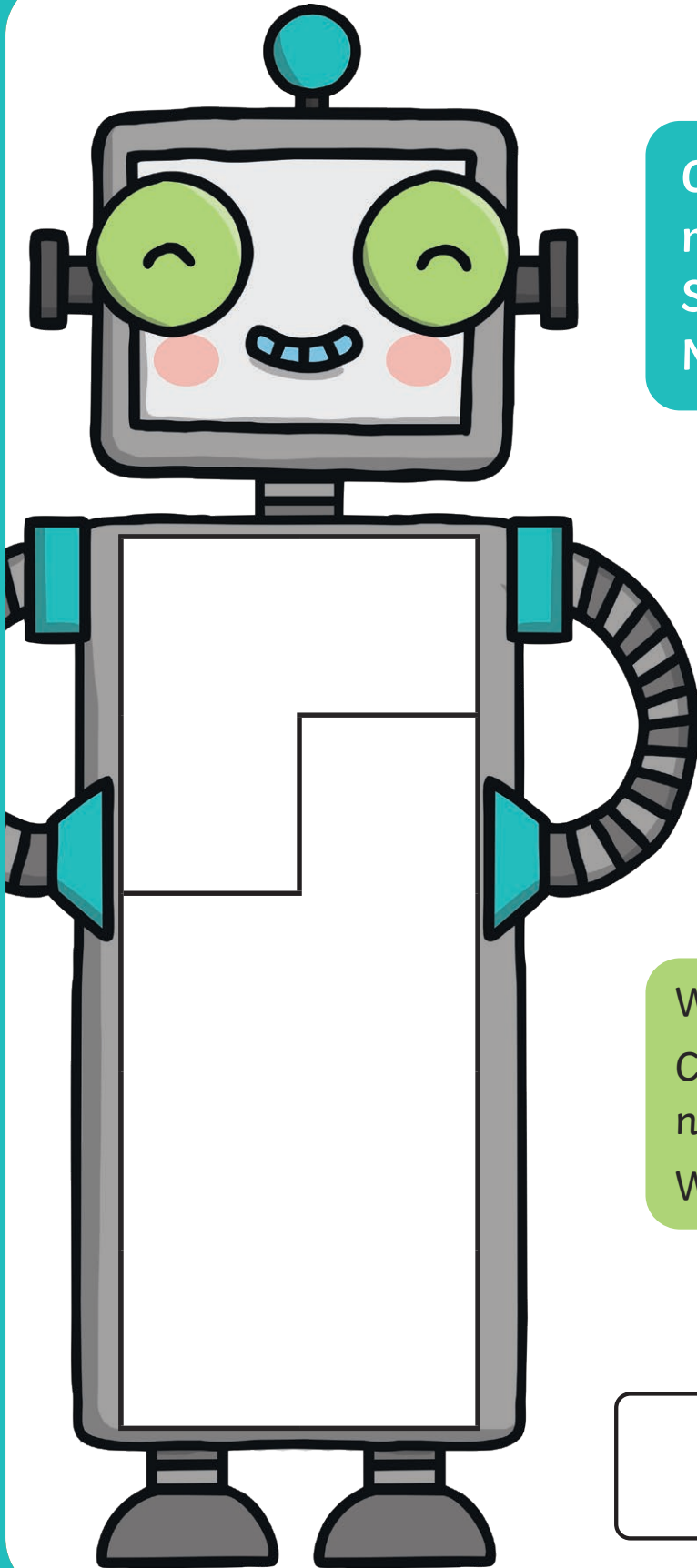
$$\square + \square = \square$$



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Which pieces did you use?  
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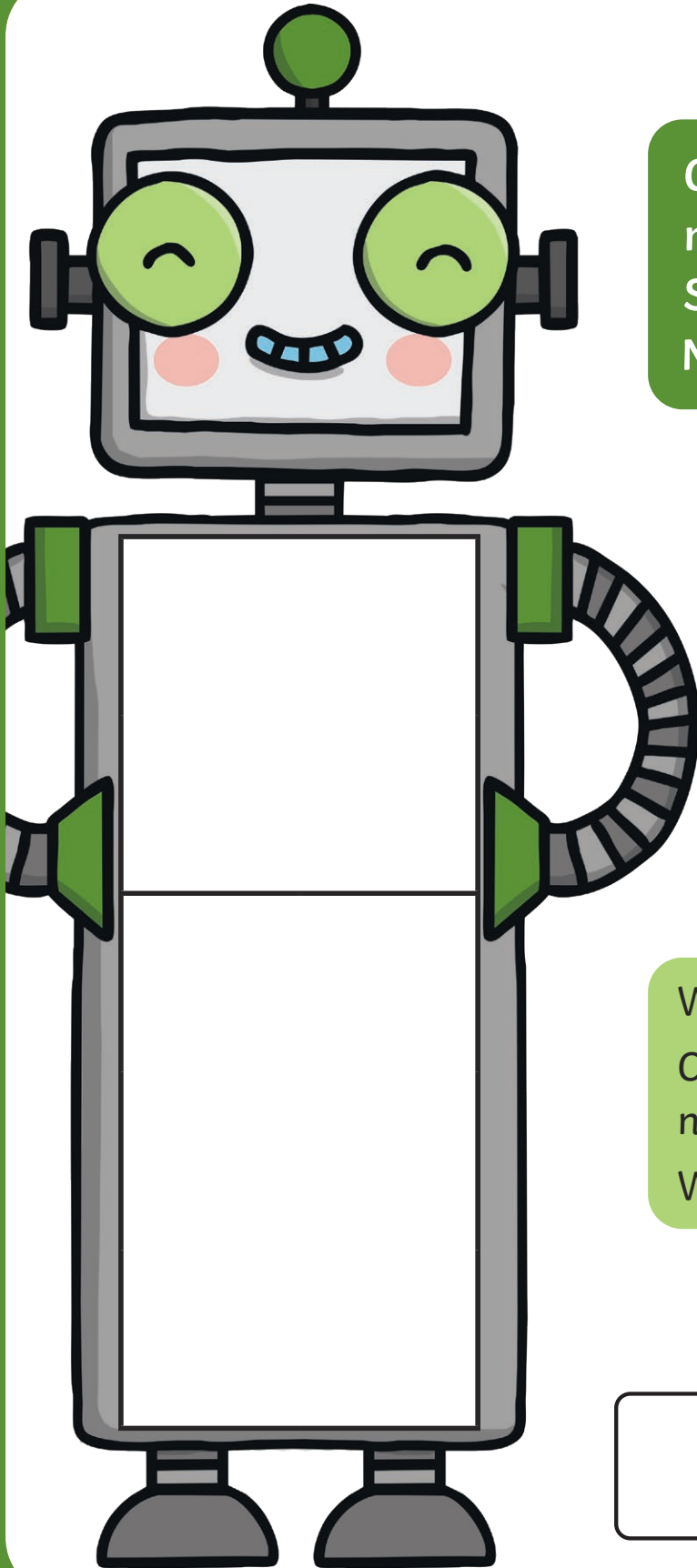
$$\square + \square = \square$$



Can you find the matching Numicon Shapes to fill this Numicon Shapes robot?

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

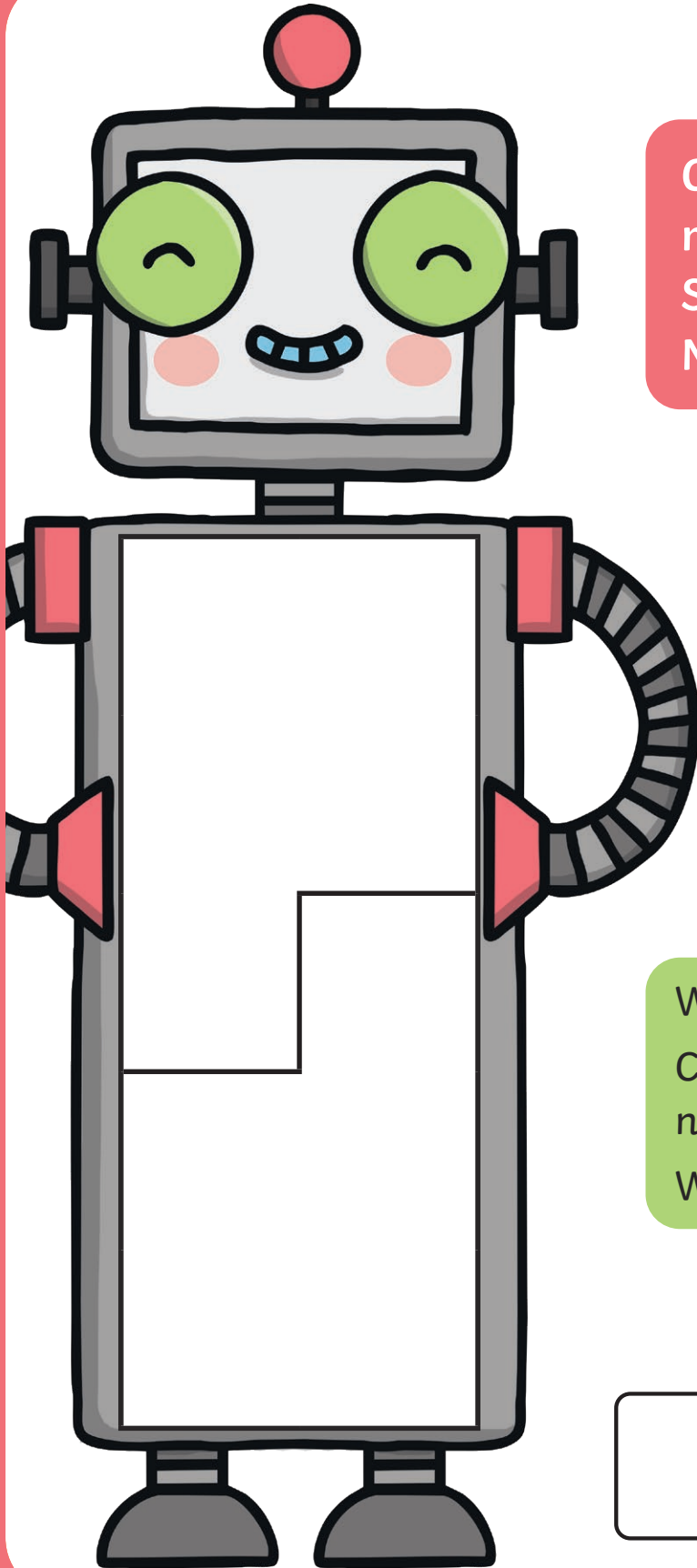
$$\square + \square = \square$$



Can you find the matching Numicon Shapes to fill this Numicon Shapes robot?

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

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



Can you find the matching Numicon Shapes to fill this Numicon Shapes robot?

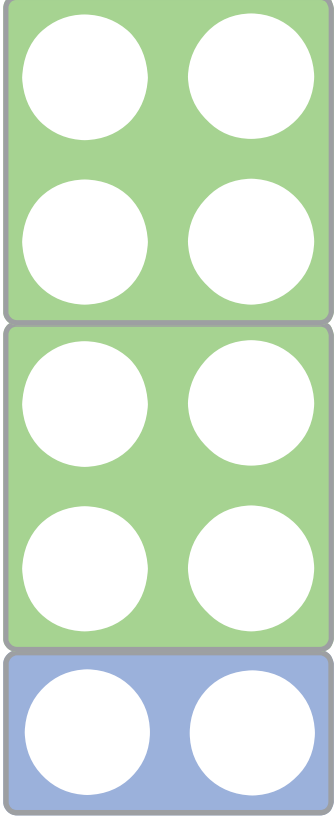
Which pieces did you use?  
Can you write a number sentence?  
What is the total?

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

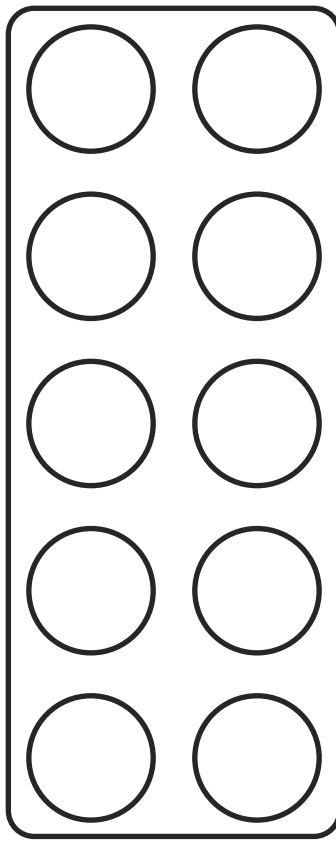
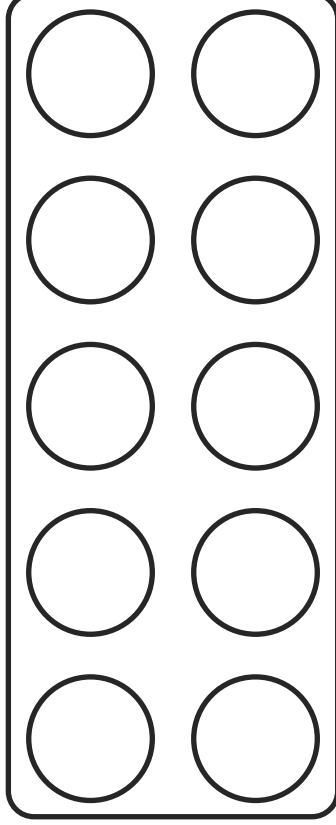
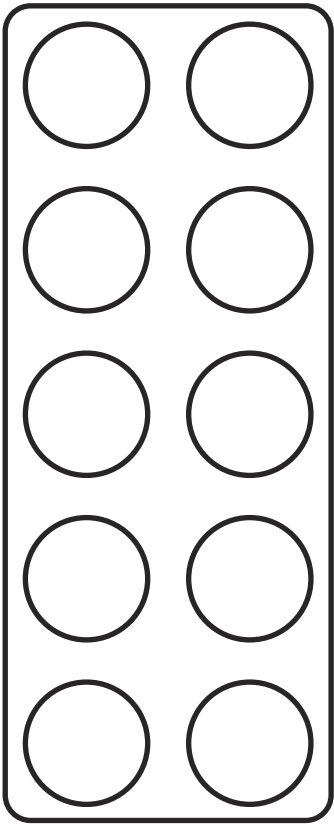
# Number Bonds of Ten Using Numicon Shapes

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

E.g.

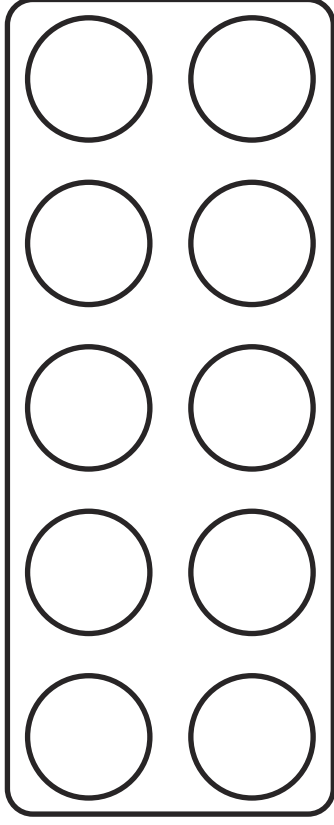


$$2 + 4 + 4 = 10$$

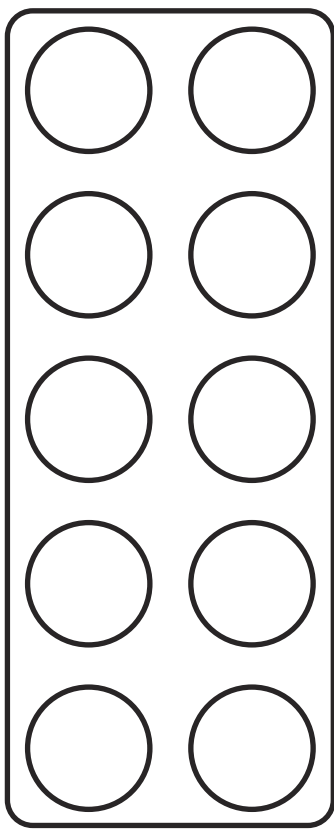


# Number Bonds of Ten Using Numicon Shapes

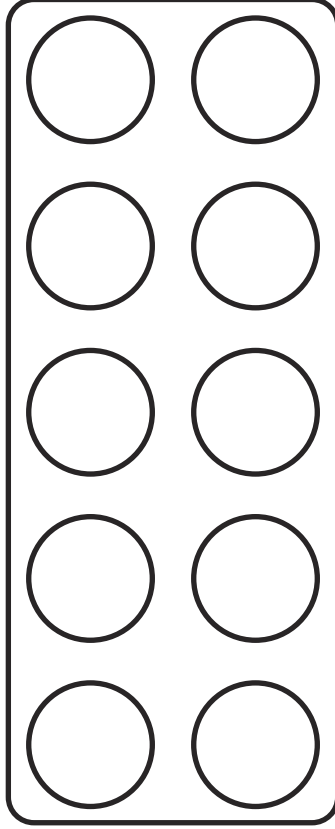
How many ways can you make 10? Write your addition statement underneath each representation.



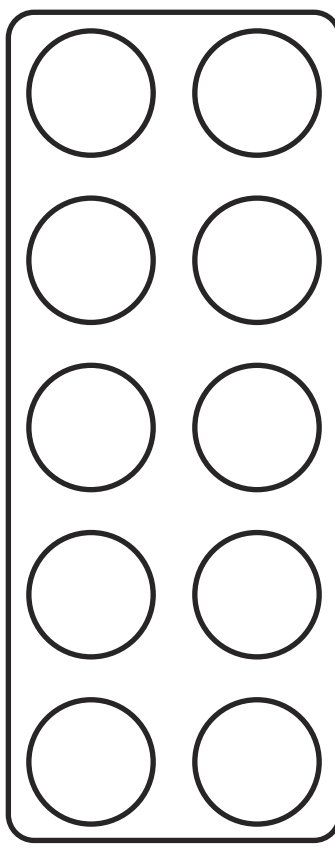
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

# Make Ten Number Rods Game

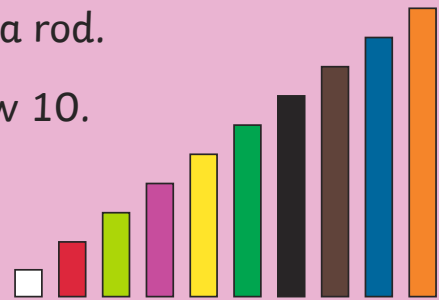
## You will need:

- 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.

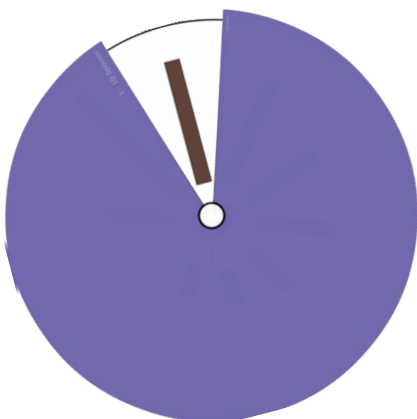


## Talk About...

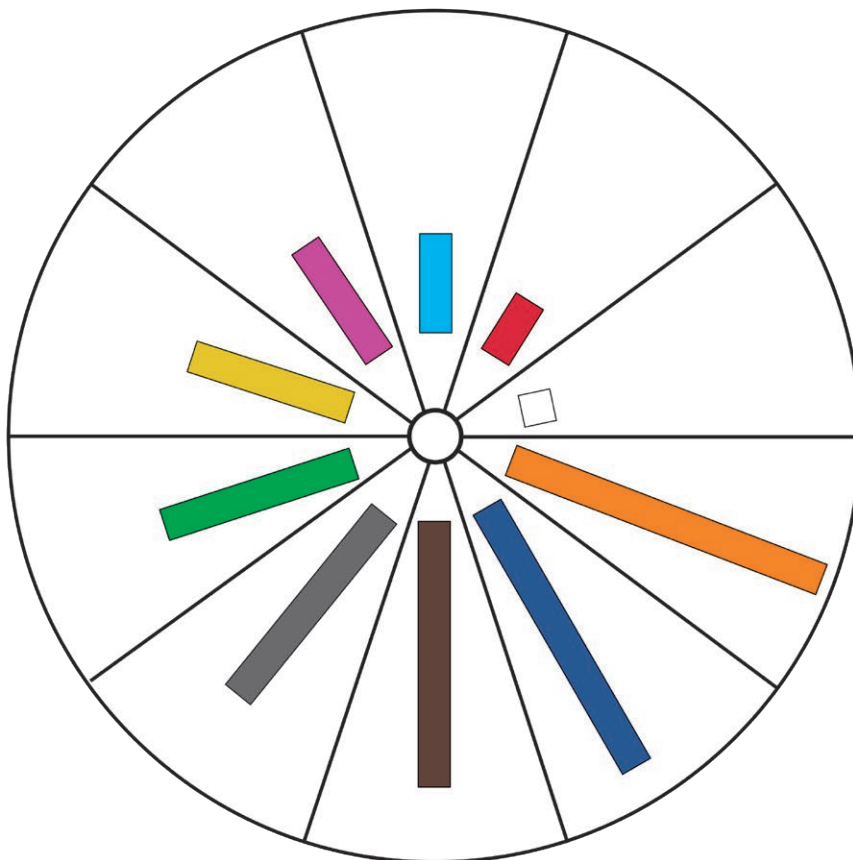
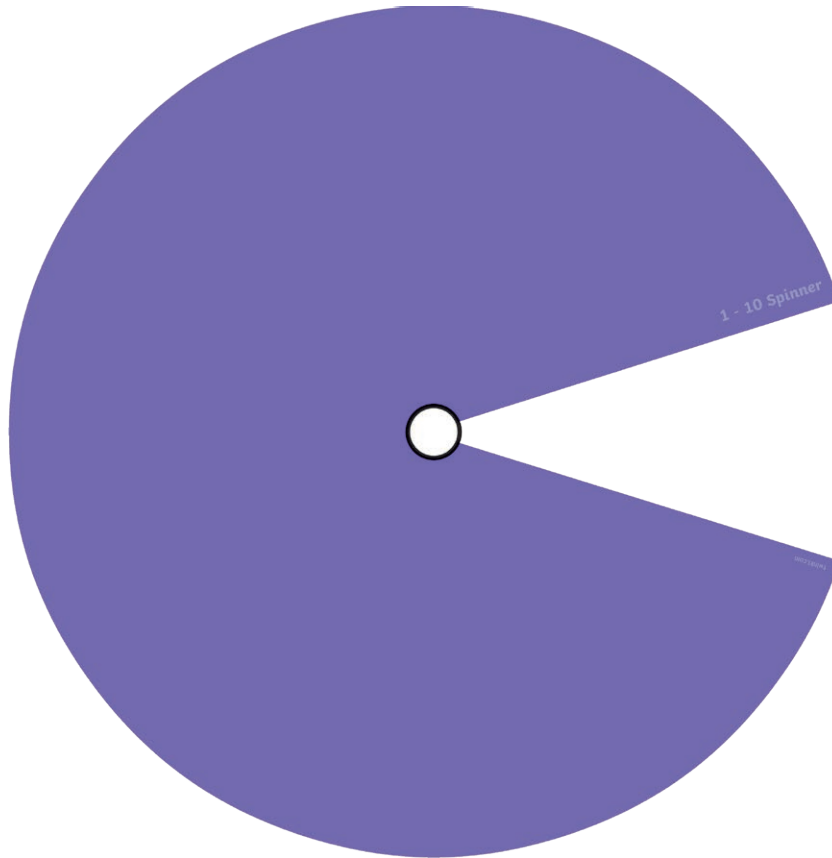
How did you check whether your rods totalled 10?

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 of 10 Number Line Challenge Cards

$$7 + \square - 10$$



Number Bonds of 10 Number Line Challenge Cards

$$6 + \square - 10$$



Number Bonds of 10 Number Line Challenge Cards

$$5 + \square - 10$$



Number Bonds of 10 Number Line Challenge Cards

$$4 + \square - 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 10 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 9 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 8 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 7 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 2 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 1 = 10$$



Number Bonds of 10 Number Line Challenge Cards

$$\square + 0 = 10$$



Number Bonds of 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 of 10 Wordsearch

Find all the number bonds of 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



# Numicon Shapes Number Bonds of 10

## Missing Numbers

Use the Numicon Shapes to work out the missing number in each question.

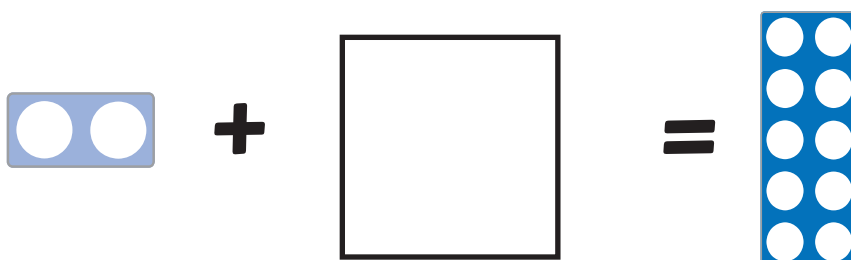
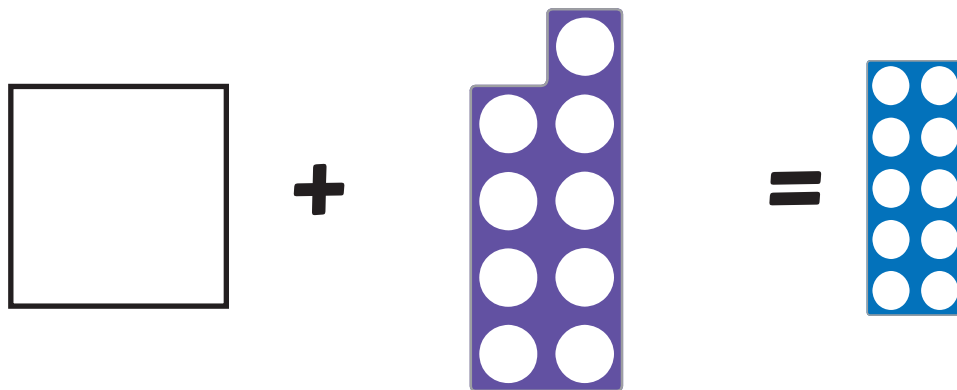
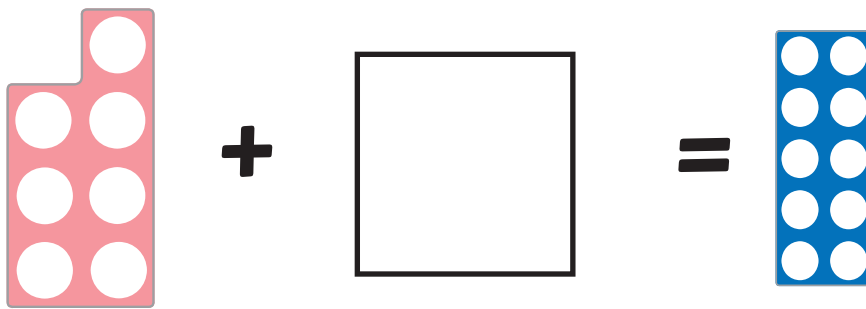
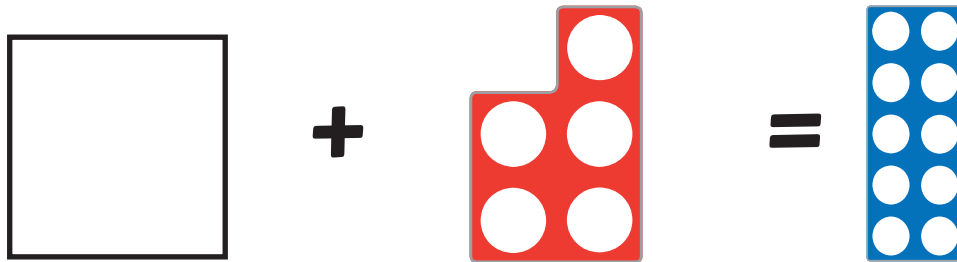
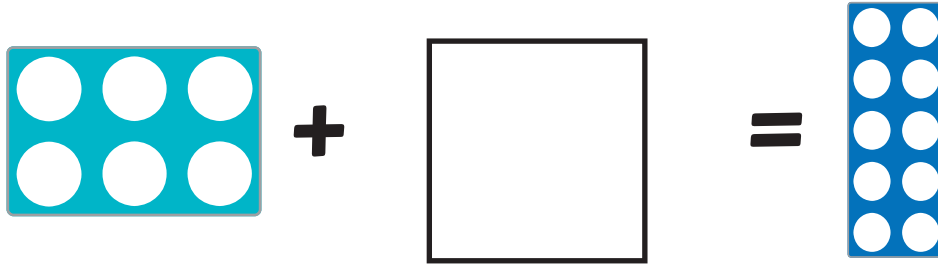
$$\begin{array}{c}
 \text{1} + \square = 10 \\
 \text{1} + \square = 10 \\
 \text{1} + \square = 10 \\
 \text{1} + \square = 10 \\
 \text{1} + \square = 10
 \end{array}$$

$$\begin{array}{c}
 \text{2} + \square = 10 \\
 \text{2} + \square = 10 \\
 \text{2} + \square = 10 \\
 \text{2} + \square = 10 \\
 \text{2} + \square = 10
 \end{array}$$

$$\begin{array}{c}
 \text{3} + \square = 10 \\
 \text{3} + \square = 10 \\
 \text{3} + \square = 10 \\
 \text{3} + \square = 10 \\
 \text{3} + \square = 10
 \end{array}$$

$$\begin{array}{c}
 \text{4} + \square = 10 \\
 \text{4} + \square = 10 \\
 \text{4} + \square = 10 \\
 \text{4} + \square = 10 \\
 \text{4} + \square = 10
 \end{array}$$

$$\begin{array}{c}
 \text{5} + \square = 10 \\
 \text{5} + \square = 10 \\
 \text{5} + \square = 10 \\
 \text{5} + \square = 10 \\
 \text{5} + \square = 10
 \end{array}$$



# Superhero Missing Numbers

Can you find the missing numbers?

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

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

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

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

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

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

$$10 + \text{ } - 10$$

