Addition and Subtraction

Workbook



Year 1 Maths

Programme of Study – Addition and Subtraction

Statutory Requirements	Worksheet	Page no.	Notes
Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.	Read and interpret mathematical statements involving addition.	3	
	Writing mathematical statements using plus, minus and equals.	4-5	
Represent and use number bonds and related subtraction facts within 20.	Mixed number bonds to 10 on robots worksheet.	6-8	
	Mixed number bonds to 20 on robots worksheet.	9-10	
	Finding and practising number bonds to 10.	11	
Add and subtract one digit and two digit numbers to 20 including zero.	Dinosaur addition sheet	12	
	Adding to 20 with a number line pack	13-15	
	Green Bottles Subtraction	16	
	Elmer addition to 20 colour by numbers sheet	17	
	Elmer subtraction from 20 colour by numbers sheet	18	
Solve one- step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems, such as 7 = ? – 9	Missing number calculations with a number line activity sheet	19-21	
	Addition and subtraction to 20 with a number line activity sheet	22-24	
	Building bricks addition worksheet	25-27	

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Read and Interpret Mathematical Statements Involving Addition

Look carefully at the sums below. Are they right or wrong? Use dots to check and then mark the sums with a tick or a cross. An example has been done for you. If you find any mistakes, correct them!

Example:

3+2=6



Answer: Wrong! 5 is correct.

2+5=7



Answer: Correct!

Questions:

1. **2+1=3**

Answer:

2. **4+2=5**

Answer:

3. **1+3=5**

Answer:

4. **6+2=8**

Answer:

5. **4+5=7**

Answer:

6. **2+2+1=5**

Answer:

7. **3+4+1=10**

Answer:

8. **8+3=11**

Answer:

9. **5=2+3**

Answer:

10. **6+7=12**

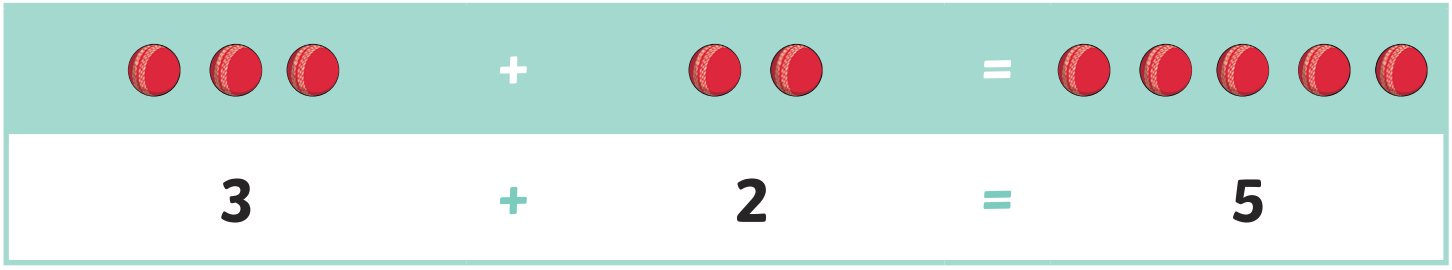
Answer:

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Writing Mathematical Statements Using Plus, Minus and Equals

Count the objects in the following pictures to turn them into numbers and create mathematical statements in the row underneath.

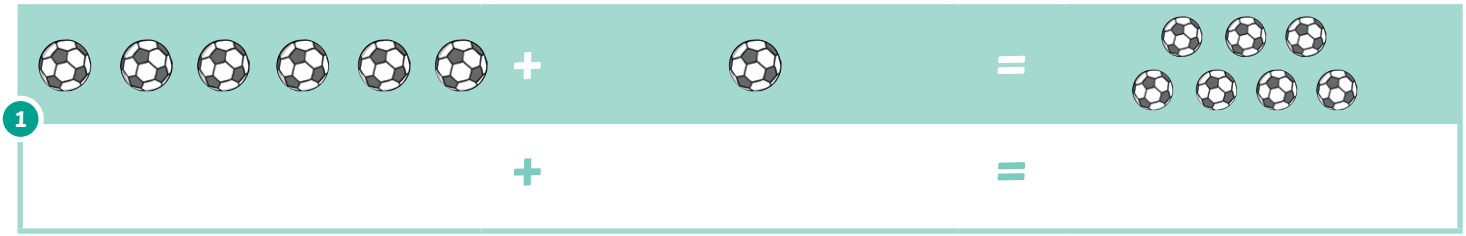
Example:



3 + 2 = 5

Questions:

1



+ =

2



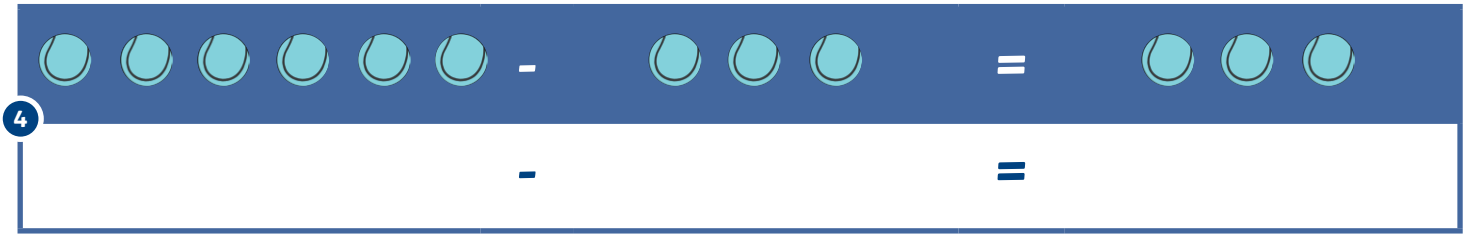
+ =

3



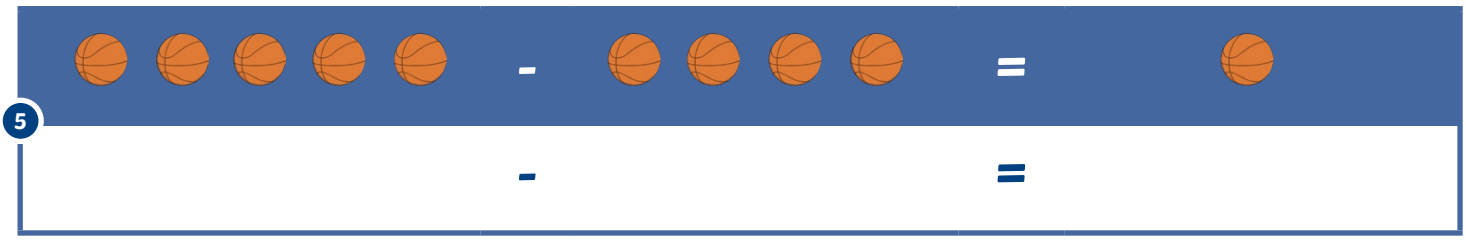
+ =

4



- =

5



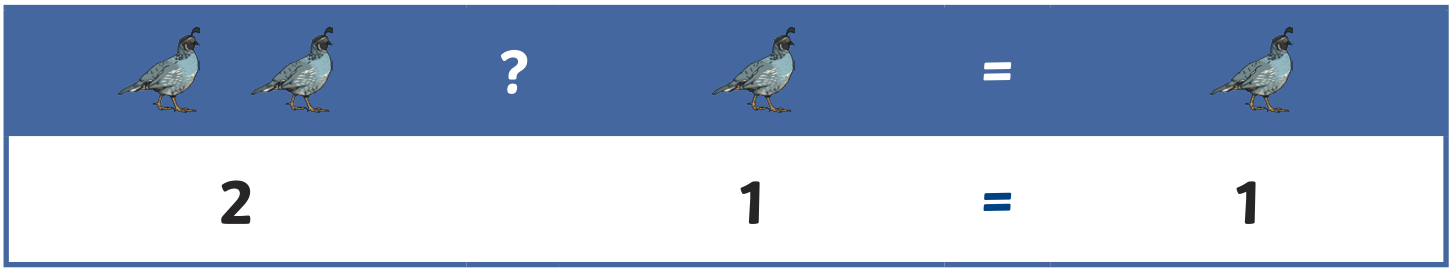
- =

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Writing Mathematical Statements Using Plus, Minus and Equals

Count the objects in the following pictures to turn them into numbers and create mathematical statements in the row underneath.

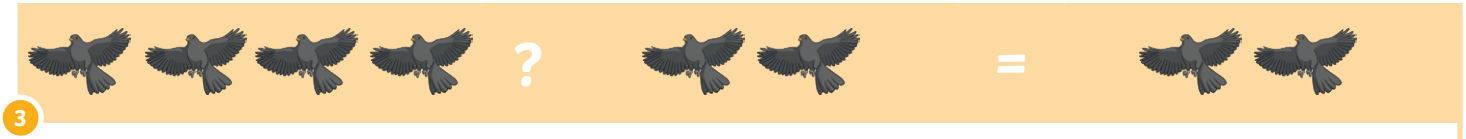
Example:

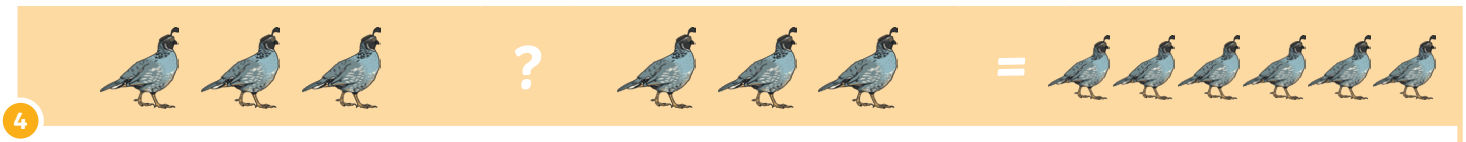


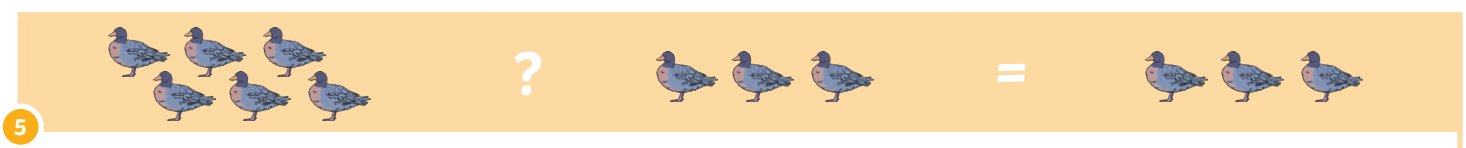
Questions:

1. 

2. 

3. 

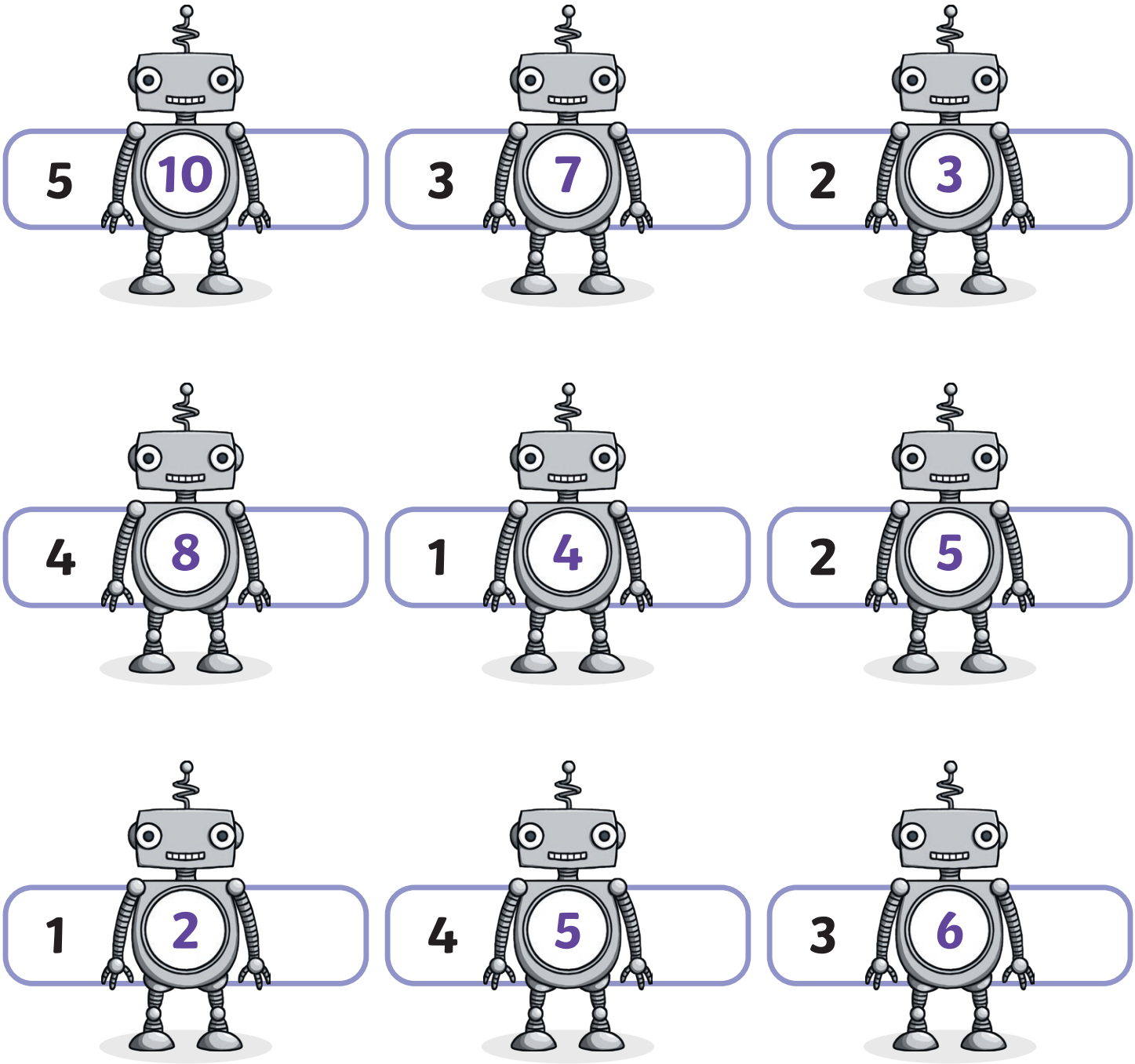
4. 

5. 

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Mixed Number Bonds to 10 on Robots Worksheet 1

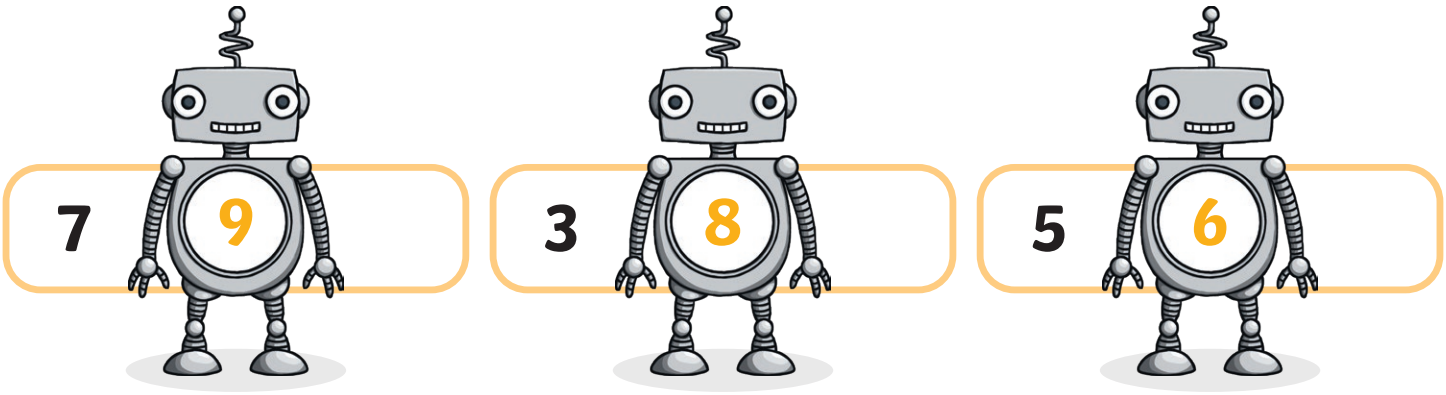
Can you find the missing number bond to make the number in the robot's tummy?

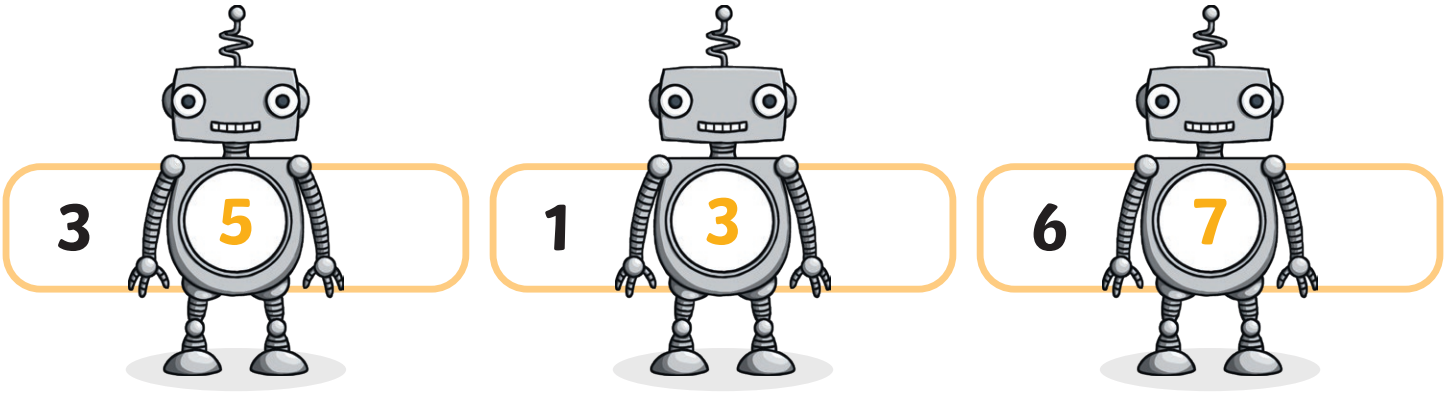


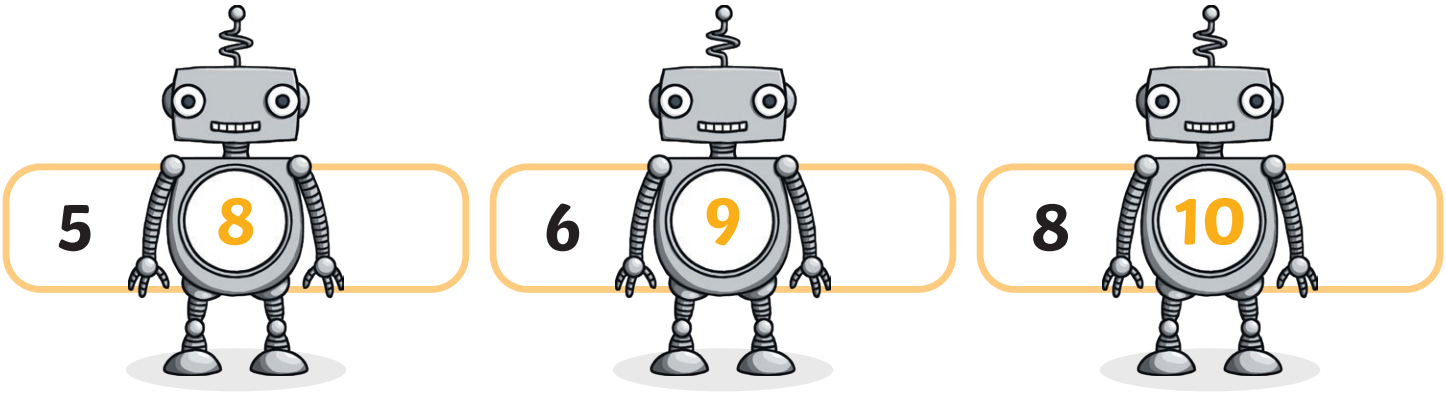
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Mixed Number Bonds to 10 on Robots Worksheet 2

Can you find the missing number bond to make the number in the robot's tummy?



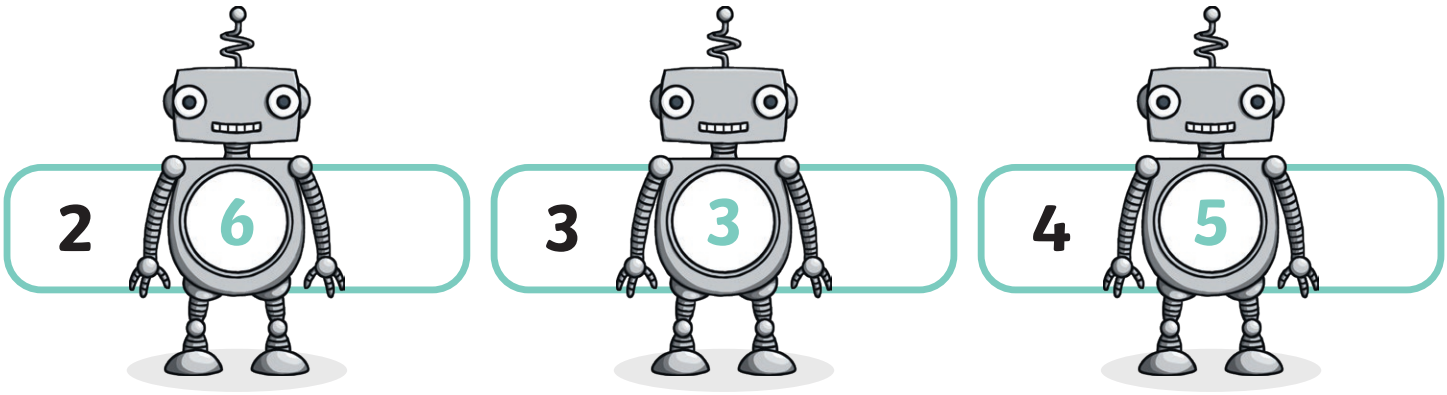


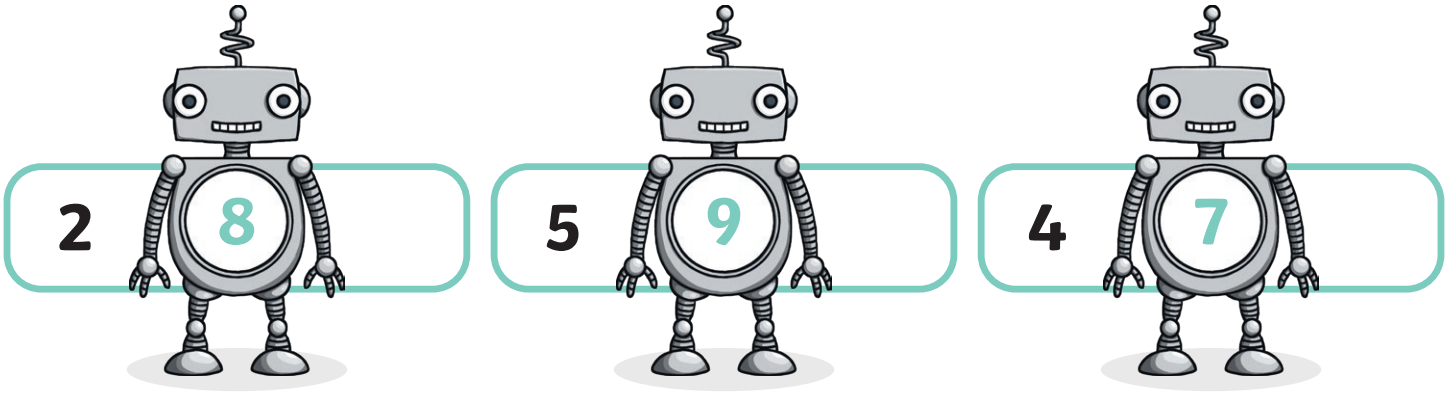


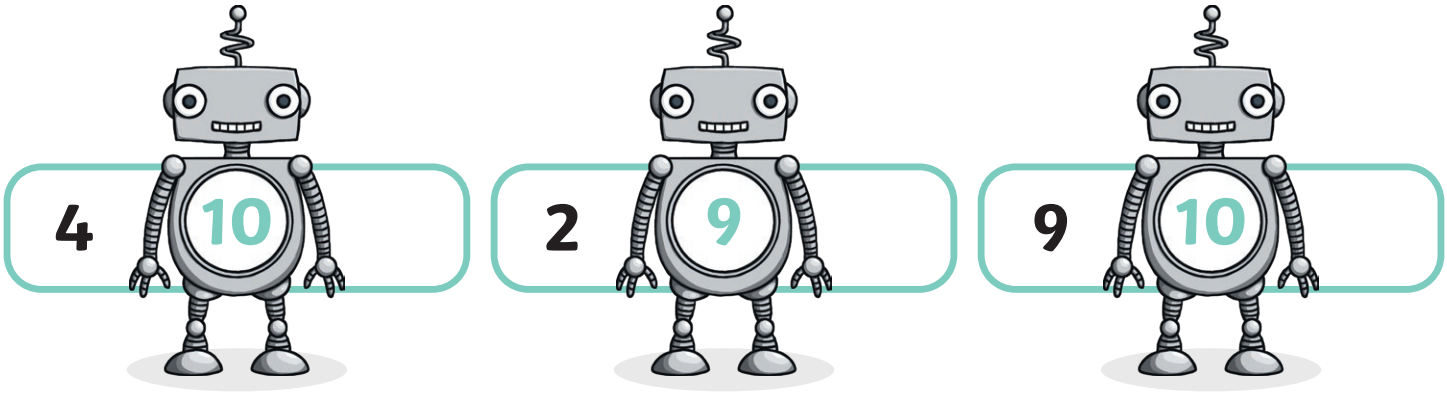
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Mixed Number Bonds to 10 on Robots Worksheet 3

Can you find the missing number bond to make the number in the robot's tummy?



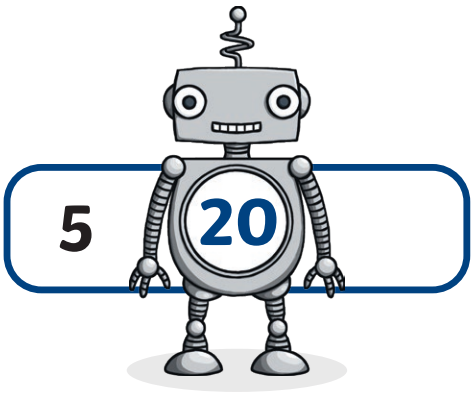


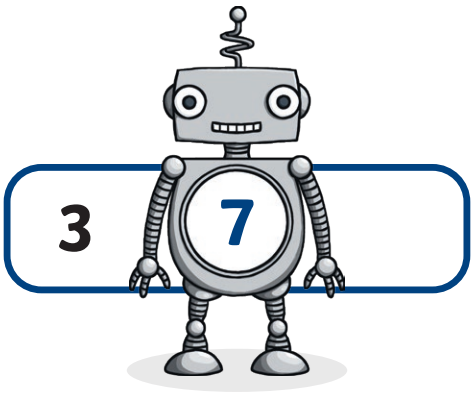


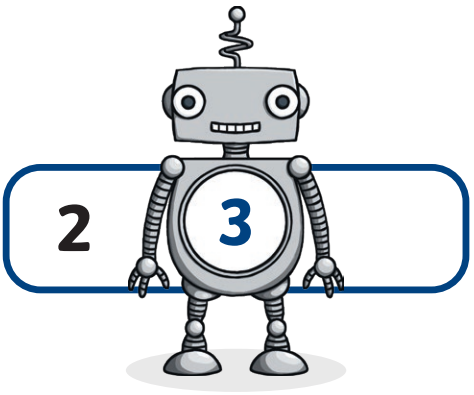
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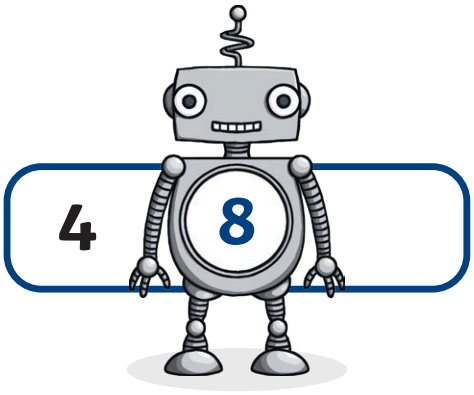
Mixed Number Bonds to 20 on Robots Worksheet 1

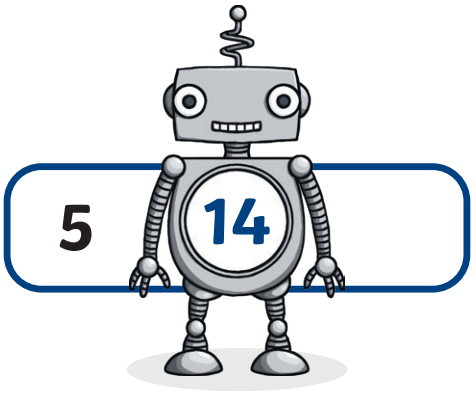
Can you find the missing number bond to make the number in the robot's tummy?

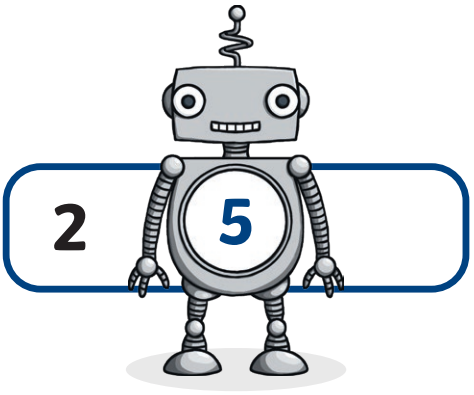


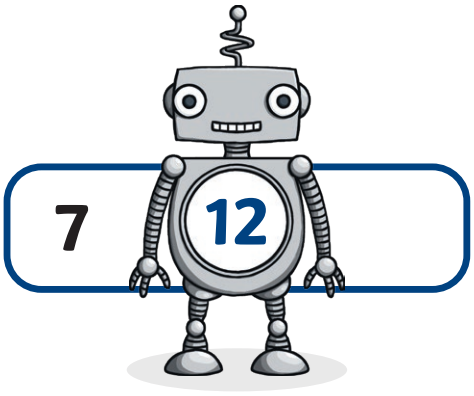


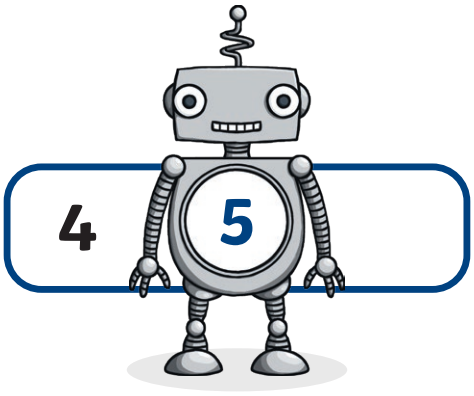


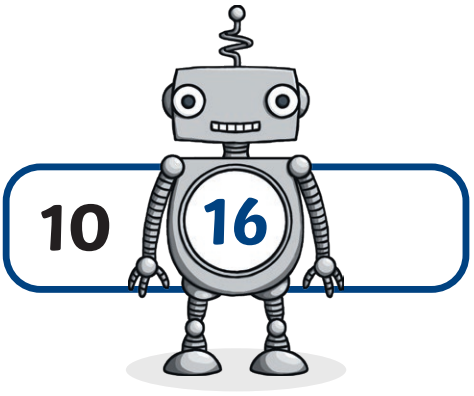








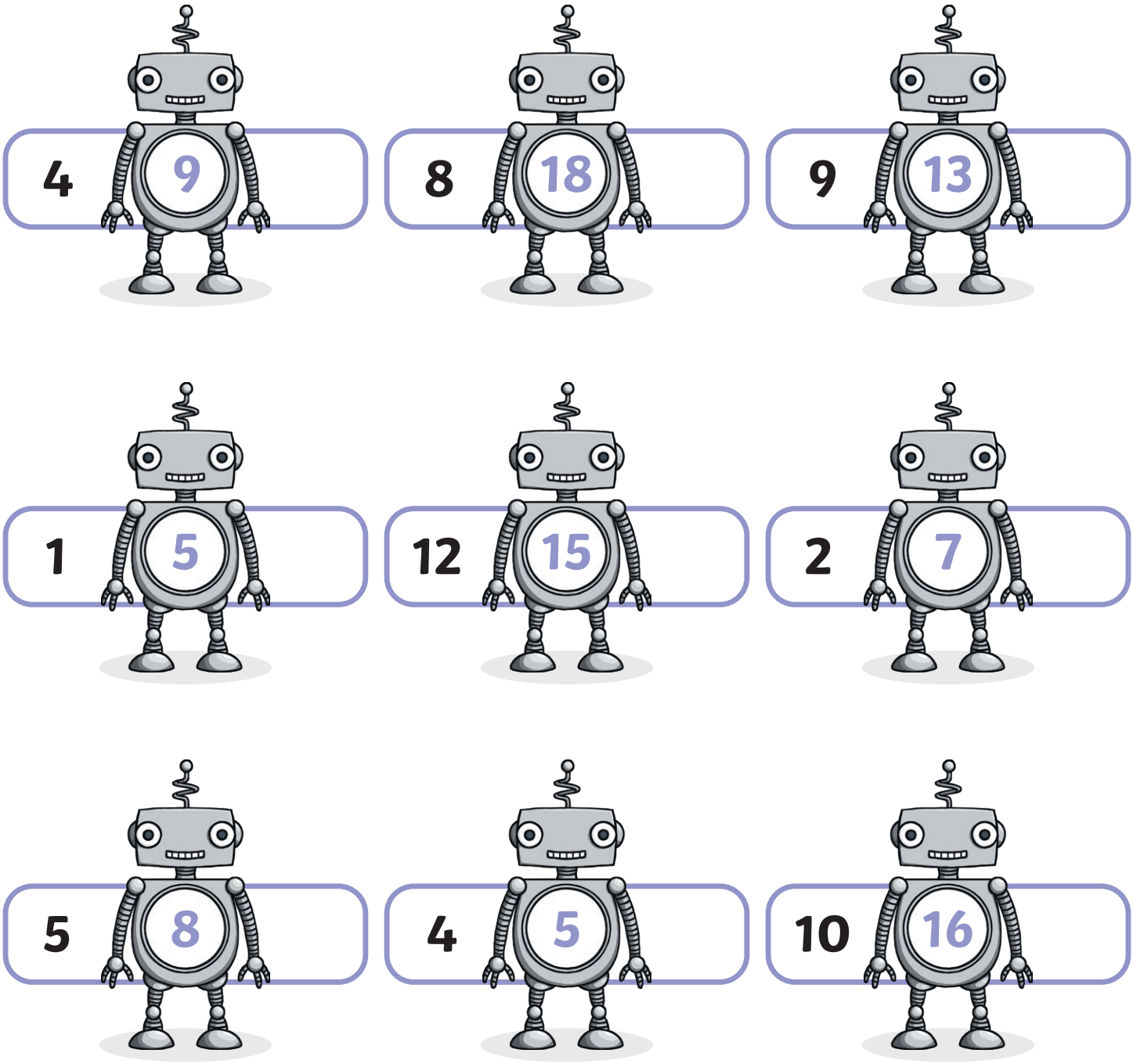




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Mixed Number Bonds to 20 on Robots Worksheet 2

Can you find the missing number bond to make the number in the robot's tummy?



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Finding and Practising Number Bonds to 10

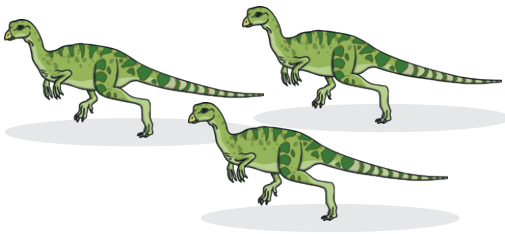
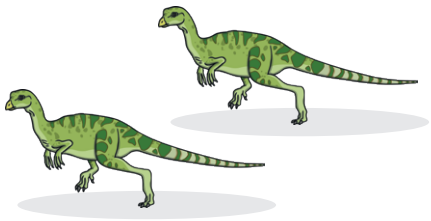
Each grid has ten boxes in it. Count the number of boxes with an 'X' in them and then put 'O's' in the rest of the boxes or colour them if you prefer. Count them up and write in the number bond to 10 you have made. The first one has been done for you.

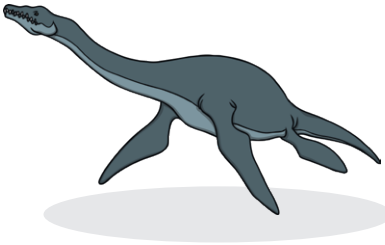
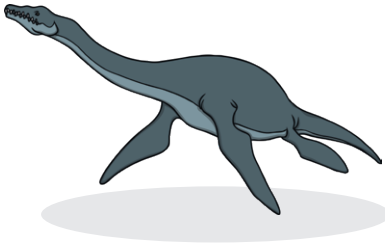
1	x	x	x	o	o	o	o	o	o	o	3 + 7 = 10
2	x	x	x	x	x						5 + = 10
3	x	x	x	x	x	x					6 + = 10
4	x	x									2 + = 10
5							x	x	x	x	+ 4 = 10
6	x	x	x								3 + = 10
7	x										1 + = 10
8	x	x	x	x	x	x	x				7 + = 10
9					x	x	x	x	x	x	+ 6 = 10
10											0 + = 10

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Dinosaur Addition Sheet

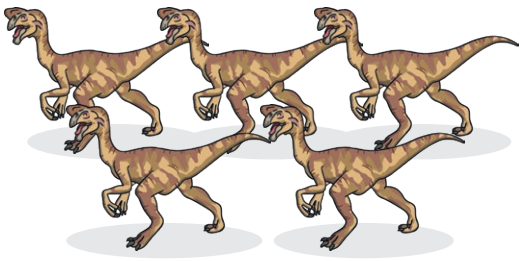
Write the answers in the circles.


+

=

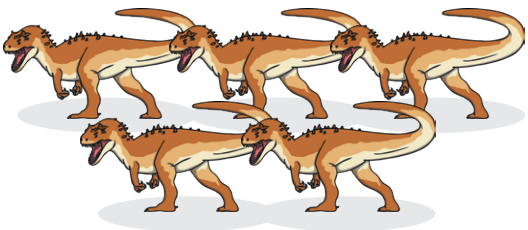
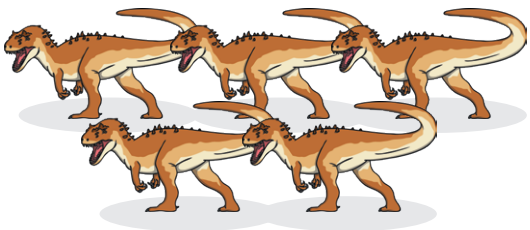

+

=


+

=


+

=

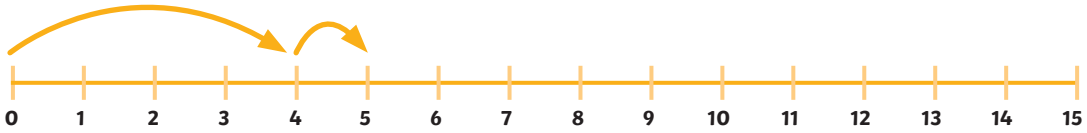

+

=

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Addition to 20 on a Number Line
Sheet 1

Example:

4 + 1 = 5



Questions:

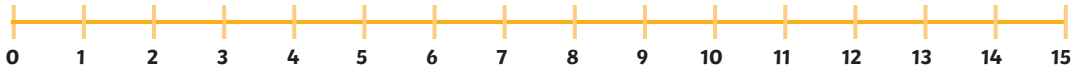
1. 5 + 3 = ☐



2. 8 + 3 = ☐



3. 6 + 6 = ☐



4. 4 + 5 = ☐



5. 4 + 7 = ☐



6. 7 + 6 = ☐



7. 8 + 4 = ☐



8. 9 + 6 = ☐



9. 3 + 9 = ☐



10. 2+10 = ☐



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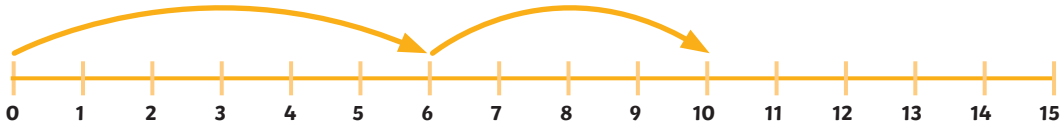
Addition to 20 on a Number Line
Sheet 2

For these questions, can you work out which sums are being shown on the number lines? The first one has been done for you.

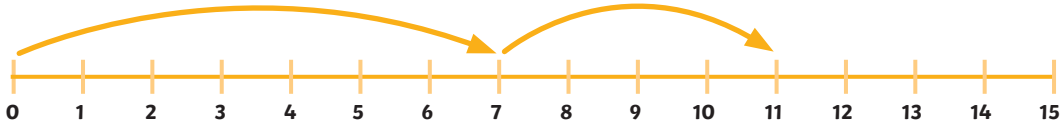
1 ☐ + ☐ = ☐



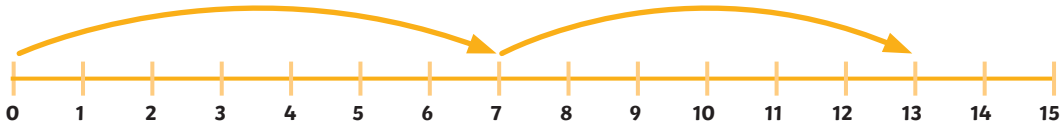
2 ☐ + ☐ = ☐



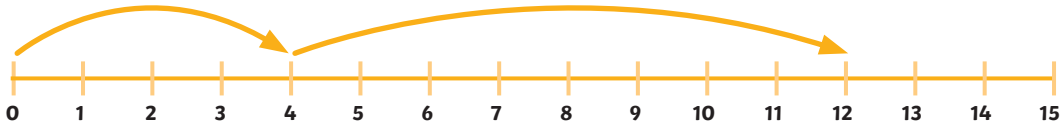
3 ☐ + ☐ = ☐



4 ☐ + ☐ = ☐



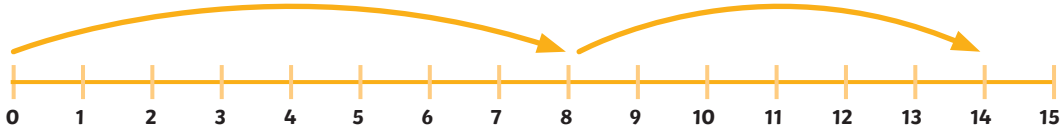
5 ☐ + ☐ = ☐



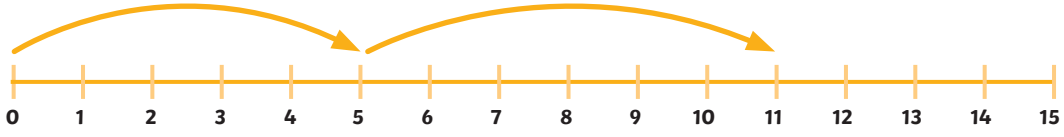
6 ☐ + ☐ = ☐



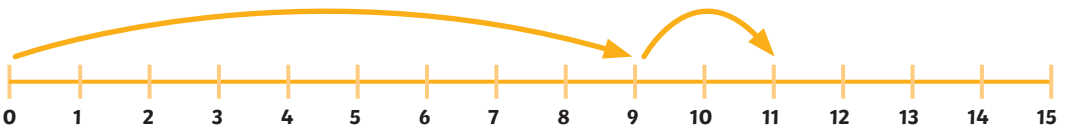
7 ☐ + ☐ = ☐



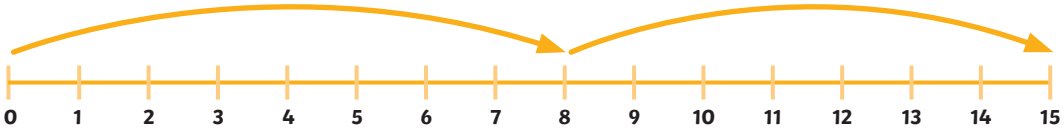
8 ☐ + ☐ = ☐



9 ☐ + ☐ = ☐



10 ☐ + ☐ = ☐



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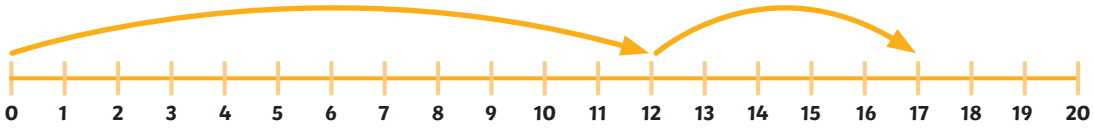
Addition to 20 on a Number Line
Sheet 3

Practice what you have learned so far on a number line to 20 and progress to see if you can draw your own number line!

1. 11 + 4 = ☐



2. ☐ + ☐ = ☐



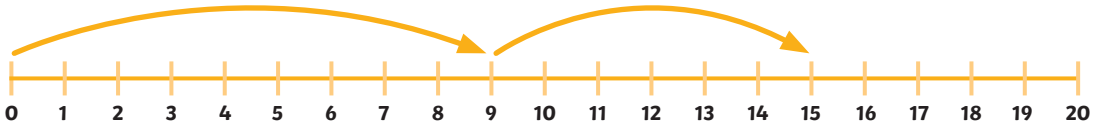
3. 8 + 9 = ☐



4. 6 + ☐ = 9



5. ☐ + ☐ = ☐



6. ☐ + 7 = 11



7. 9 + 9 = ☐



8. 12 + 3 = ☐



9. 7 + 9 = ☐



10. 13 + 5 = ☐

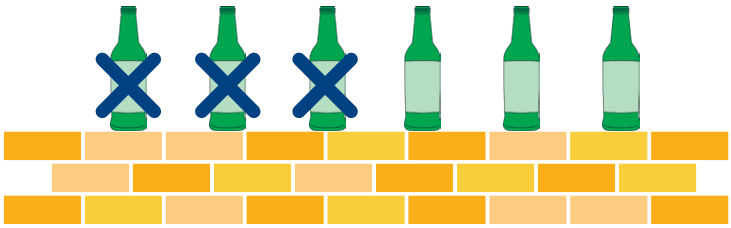


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Green Bottles Subtraction

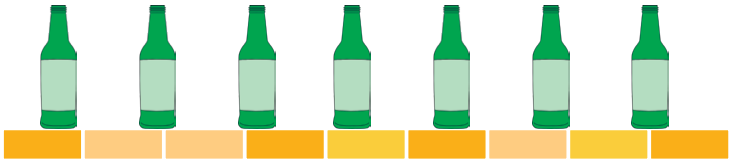
Use crosses to knock the green bottles off the wall. How many are left?

Example:

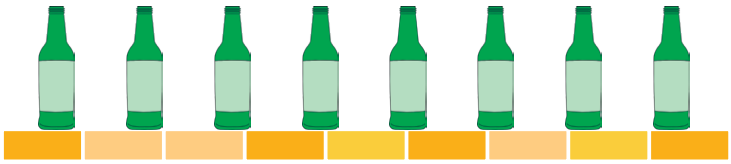


6 - 3 = **6**

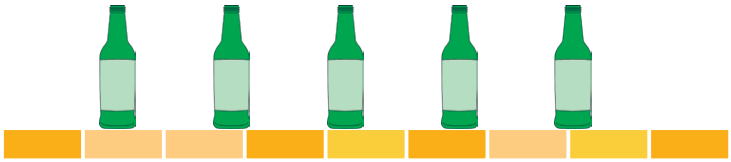
Questions:

1. 

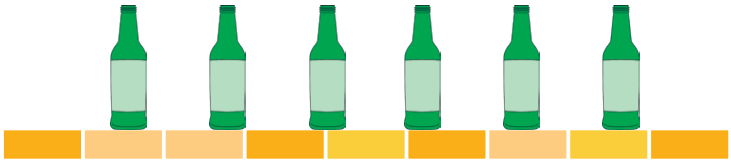
   7 - 3 = ☐

2. 

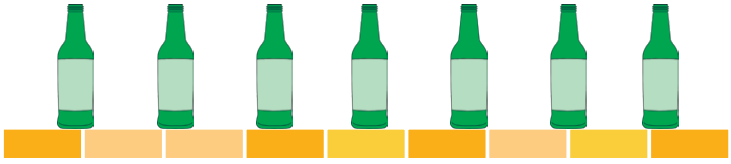
   8 - 1 = ☐

3. 

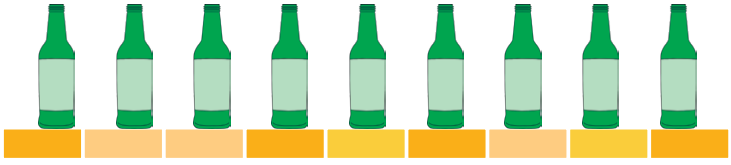
   5 - 0 = ☐

4. 

   6 - 5 = ☐

5. 

   7 - 2 = ☐

6. 

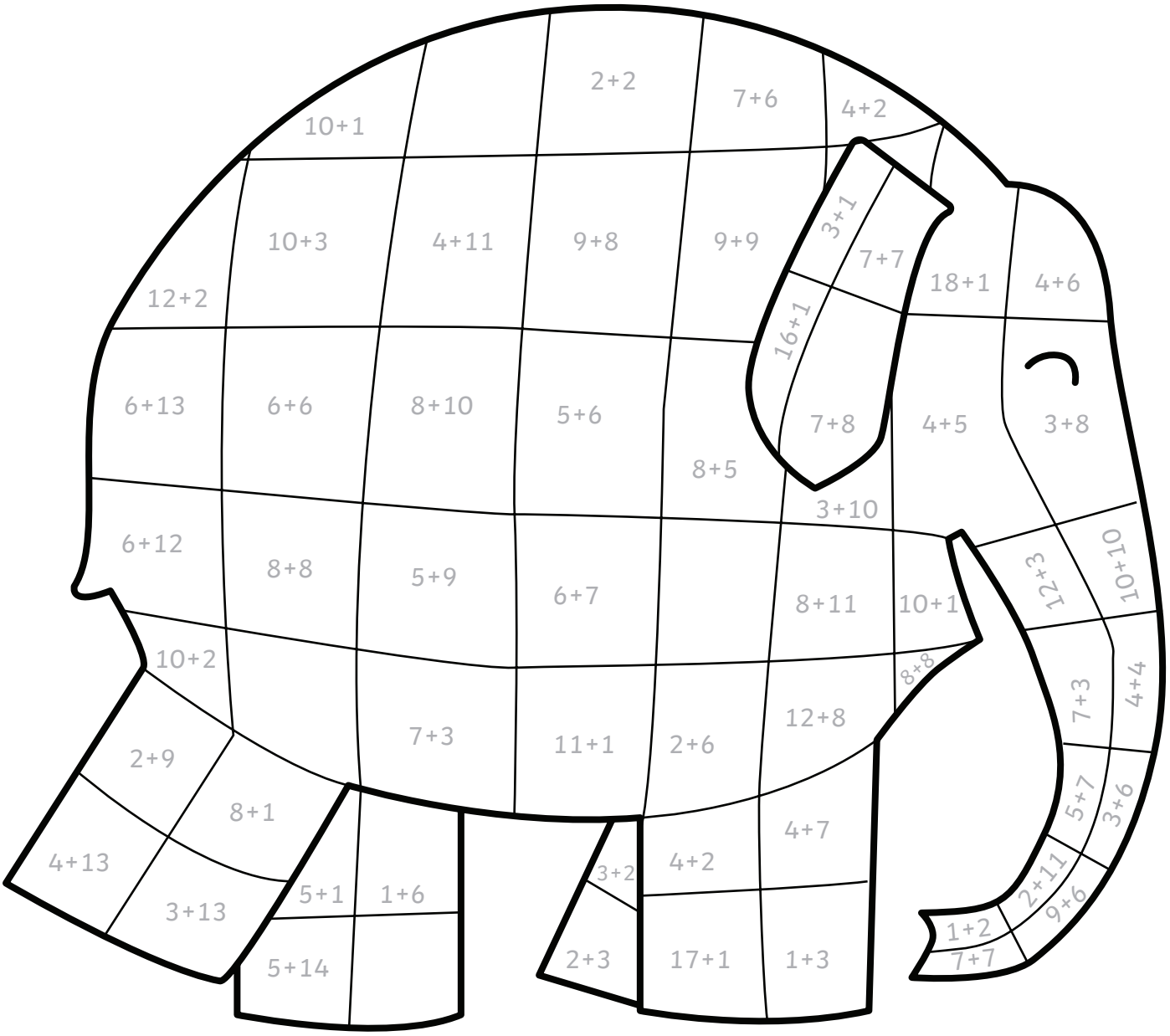
   9 - 9 = ☐

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Elmer Addition to 20 Colour by Numbers Sheet

Solve the sums in the boxes to work out what colours they should be!

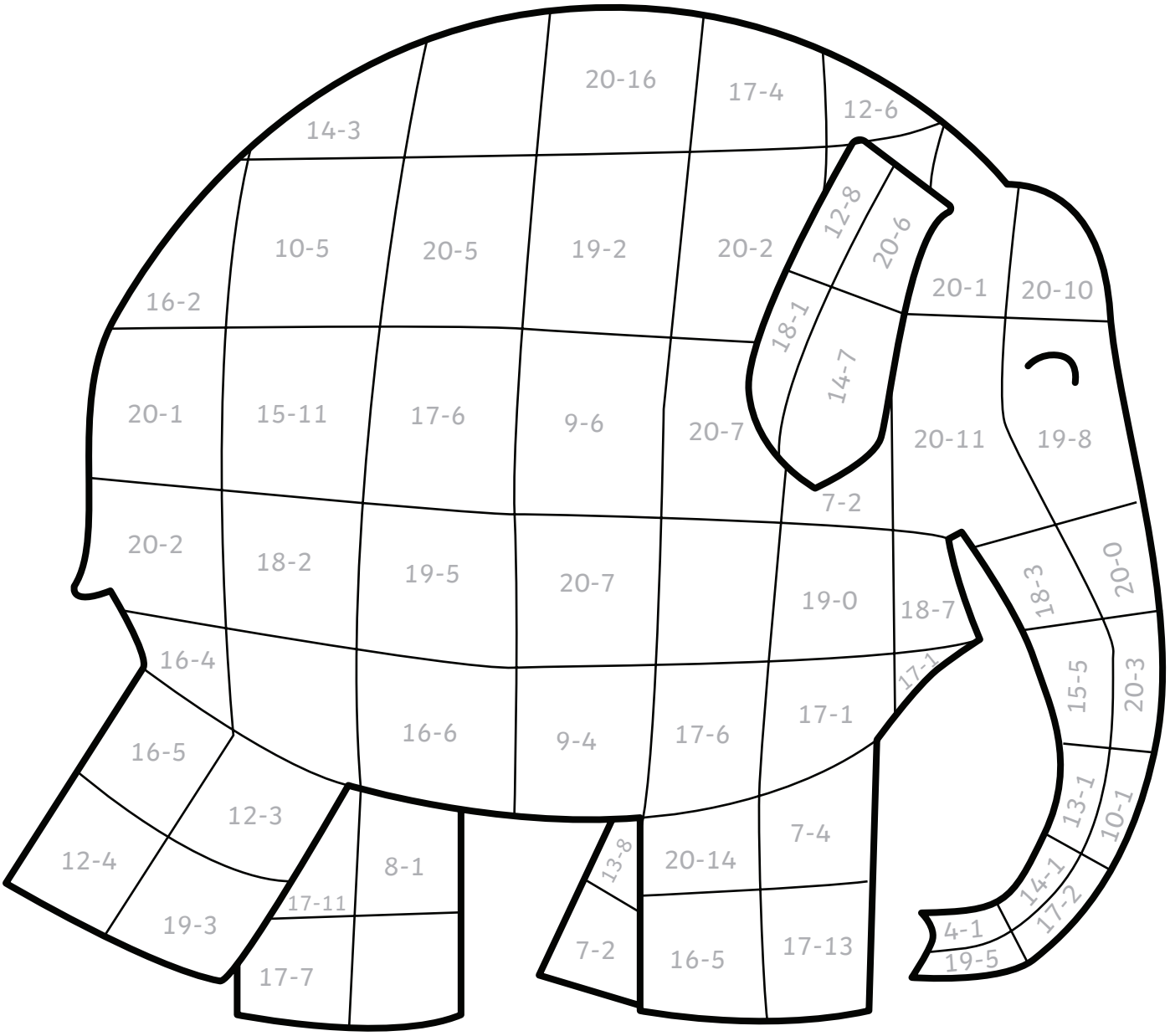
3 or 11 = Yellow	4 or 12 = Orange	5 or 13 = Blue
6 or 14 = Red	7 or 15 = Purple	8 or 17 = Black
9 or 18 = Pink	10 or 19 = Green	16 or 20 = Any colour!



Elmer Subtraction to 20 Colour by Numbers Sheet

Solve the sums in the boxes to work out what colours they should be!

3 or 11 = Yellow	4 or 12 = Orange	5 or 13 = Blue
6 or 14 = Red	7 or 15 = Purple	8 or 17 = Black
9 or 18 = Pink	10 or 19 = Green	16 or 20 = Any colour!

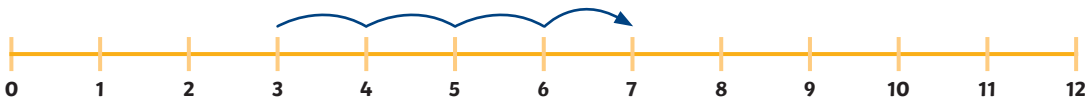


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Missing Number Calculations with a Number Line - 1

Example:

$3 + \underline{4} = 7$



Questions

1. $3 + __ = 7$



2. $7 - __ = 3$



3. $4 + __ = 10$



4. $10 - __ = 4$



5. $1 + __ = 7$



6. $7 - __ = 1$



7. $5 + __ = 8$



8. $8 - __ = 5$



9. $__ + 5 = 10$



10. $10 - 5 = __$

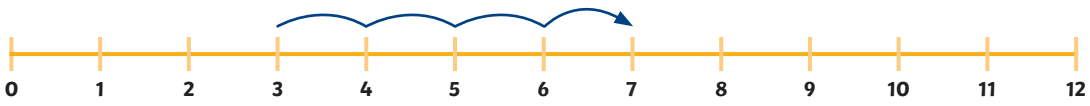


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Missing Number Calculations with a Number Line - 2

Example:

$3 + \underline{4} = 7$



Questions

1. $3 + __ = 5$



2. $5 - __ = 3$



3. $2 + __ = 6$



4. $6 - __ = 2$



5. $2 + __ = 3$



6. $3 - __ = 2$



7. $2 + __ = 4$



8. $4 - __ = 2$



9. $5 + __ = 5$



10. $5 - __ = 1$

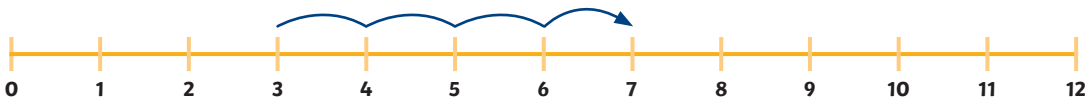


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Missing Number Calculations with a Number Line - 3

Example:

3 + 4 = 7



Questions

1. 6 + ___ = 12



2. 12 - ___ = 6



3. 5 + ___ = 11



4. 11 - ___ = 5



5. 3 + ___ = 11



6. 11 - ___ = 3



7. ___ + 5 = 9



8. 9 - ___ = 5



9. ___ + 7 = 11



10. 11 - ___ = 7



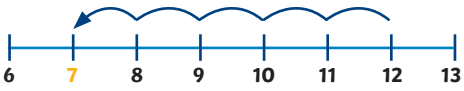
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Addition and Subtraction to 20 with a Number Line - 1

Can you work out the answer and draw a picture or write a sentence about it? The first one is done for you.

Example:

12-5=7





My dad buys 12 eggs but breaks 5 of them. How many eggs does he have left?

Questions:

1. **18-6=** ☐



2. **8+12=** ☐



3. **11+9=** ☐



4. **17-8=** ☐



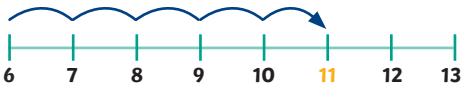
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Addition and Subtraction to 20 with a Number Line - 2

Can you work out the answer and draw a picture or write a sentence about it? The first one is done for you.

Example:

6+5=11





I have a bookshelf with 6 books on and another with 5 on. How many books do I have altogether?

Example:

1. **8+6=** ☐



2. **14-3=** ☐



3. **5+6=** ☐



4. **10-7=** ☐



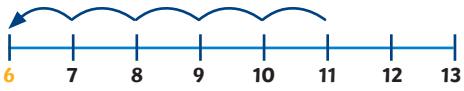
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Addition and Subtraction to 20 with a Number Line - 3

Can you work out the answer and draw a picture or write a sentence about it? The first one is done for you.

Example:

11-5=6





I have 11 teddies but I took 5 to the summer fair at school. How many do I have now?

Example:

1. **19-7=** ☐

2. **18-12=** ☐

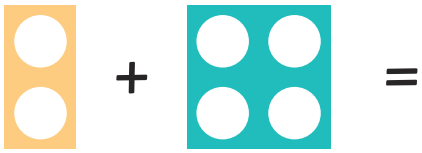
3. **5+13=** ☐

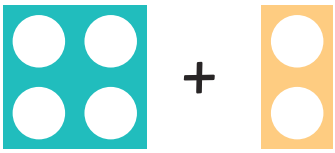
4. **12+7=** ☐

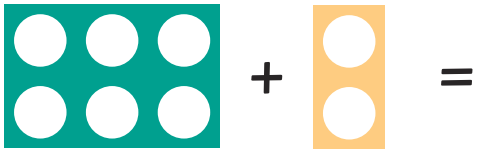
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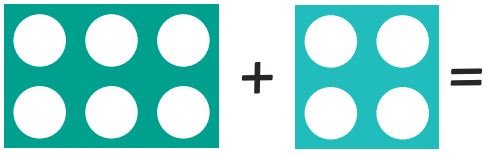
Building Brick Addition - 1

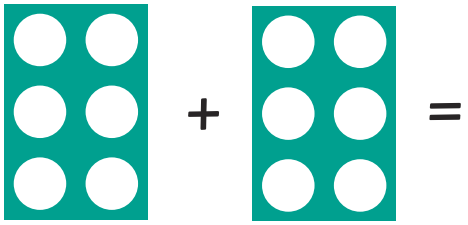
Can you add up the bumps on the buildng bricks?

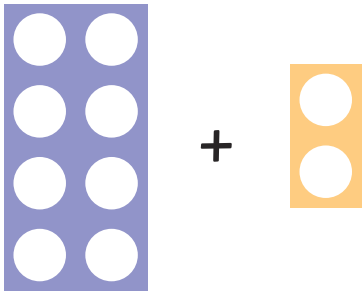
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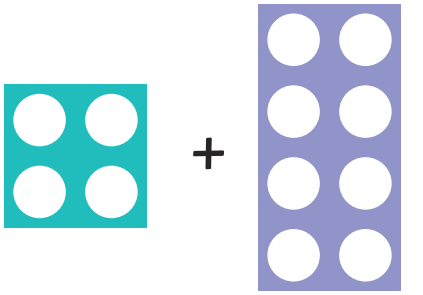
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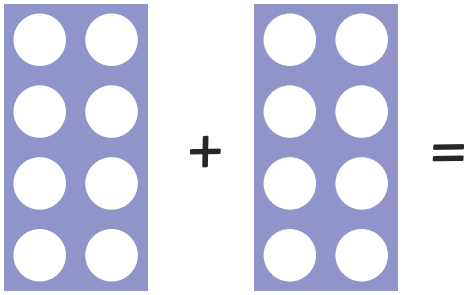
3 

4 

5 

6 

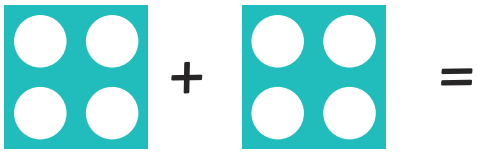
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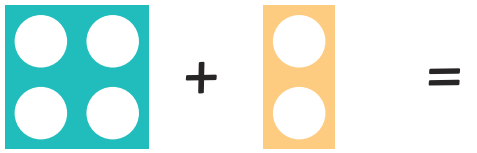
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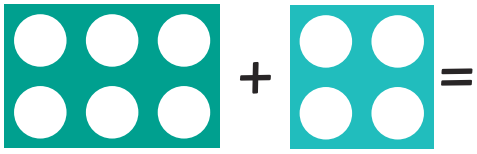
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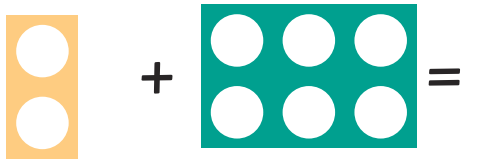
Building Brick Addition - 2

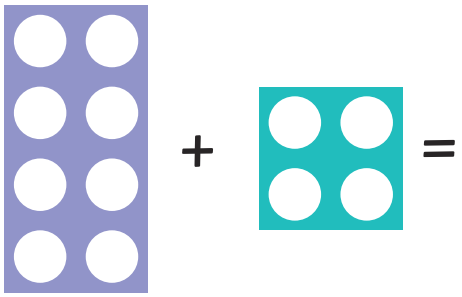
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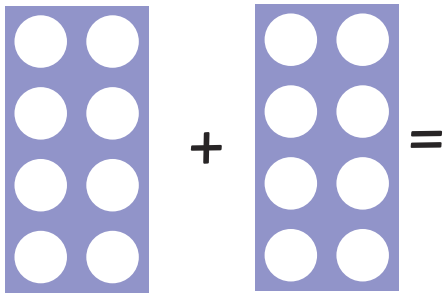
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2 

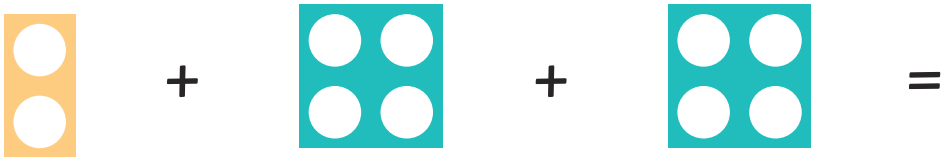
3 

4 

5 

6 

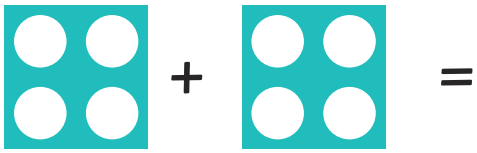
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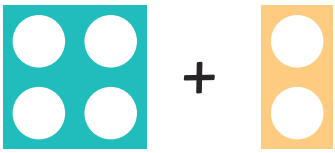
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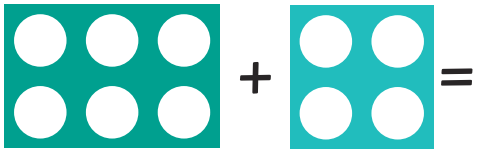
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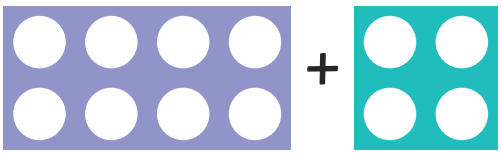
Building Brick Addition - 3

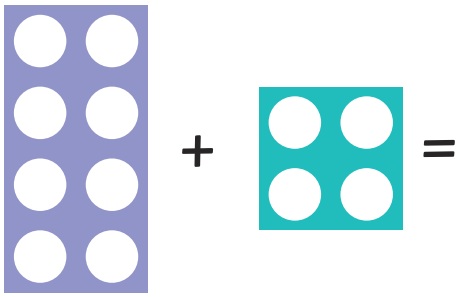
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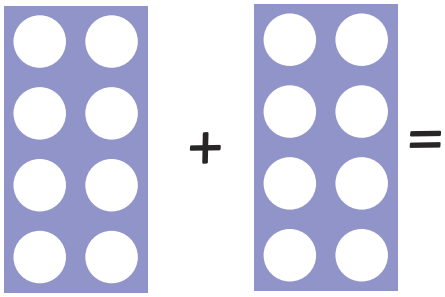
1 

2 

3 

4 

5 

6 

7 

8 

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