Number Bonds of 20 Activity Booklet



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Rainbow of 20



0 + 20 = 20

1 + 19 = 20

2 + 18 = 20

3 + 17 = 20

4 + 16 = 20

5 + 15 = 20

6 + 14 = 20

7 + 13 = 20

8 + 12 = 20

9 + 11 = 20

10 + 10 = 20

11 + 9 = 20

12 + 8 = 20

13 + 7 = 20

14 + 6 = 20

15 + 5 = 20

16 + 4 = 20

17 + 3 = 20

18 + 2 = 20

19 + 1 = 20

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Number Bond Sticks

Can you complete these number sentences using number bonds to 20?
The first one has been done for you.



19 + 1 = 20



__ + __ = 20



__ + __ = 20



__ + __ = 20



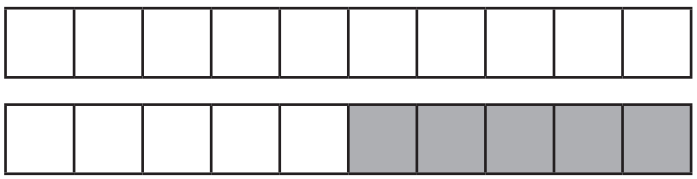
__ + __ = 20



__ + __ = 20



__ + __ = 20



__ + __ = 20

Number Bond Sticks

Can you complete these number sentences using number bonds to 20?
The first one has been done for you.



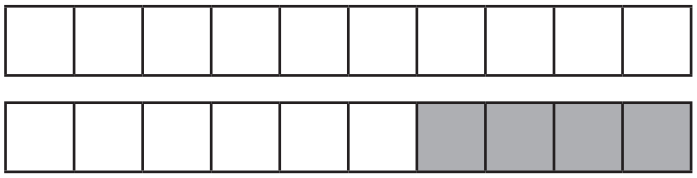
18 + 2 = 20



__ + __ = 20



__ + __ = 20



__ + __ = 20



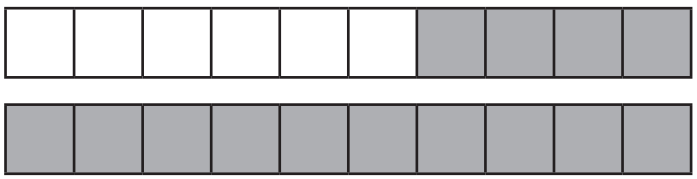
__ + __ = 20



__ + __ = 20



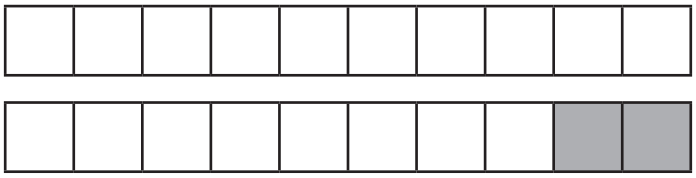
__ + __ = 20



__ + __ = 20

Number Bond Sticks

These number bond sticks are made from 18 white cubes and 2 grey cubes.



18 + 2 = 20

Can you use two colours to make your own sticks with number bonds to 20? Write the matching number sentence below each picture.



__ + __ = 20



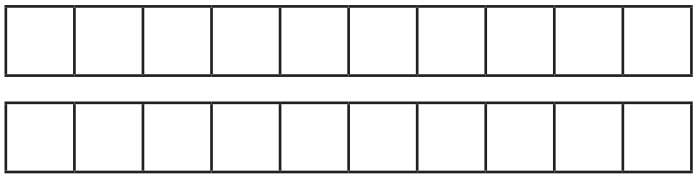
__ + __ = 20



__ + __ = 20



__ + __ = 20



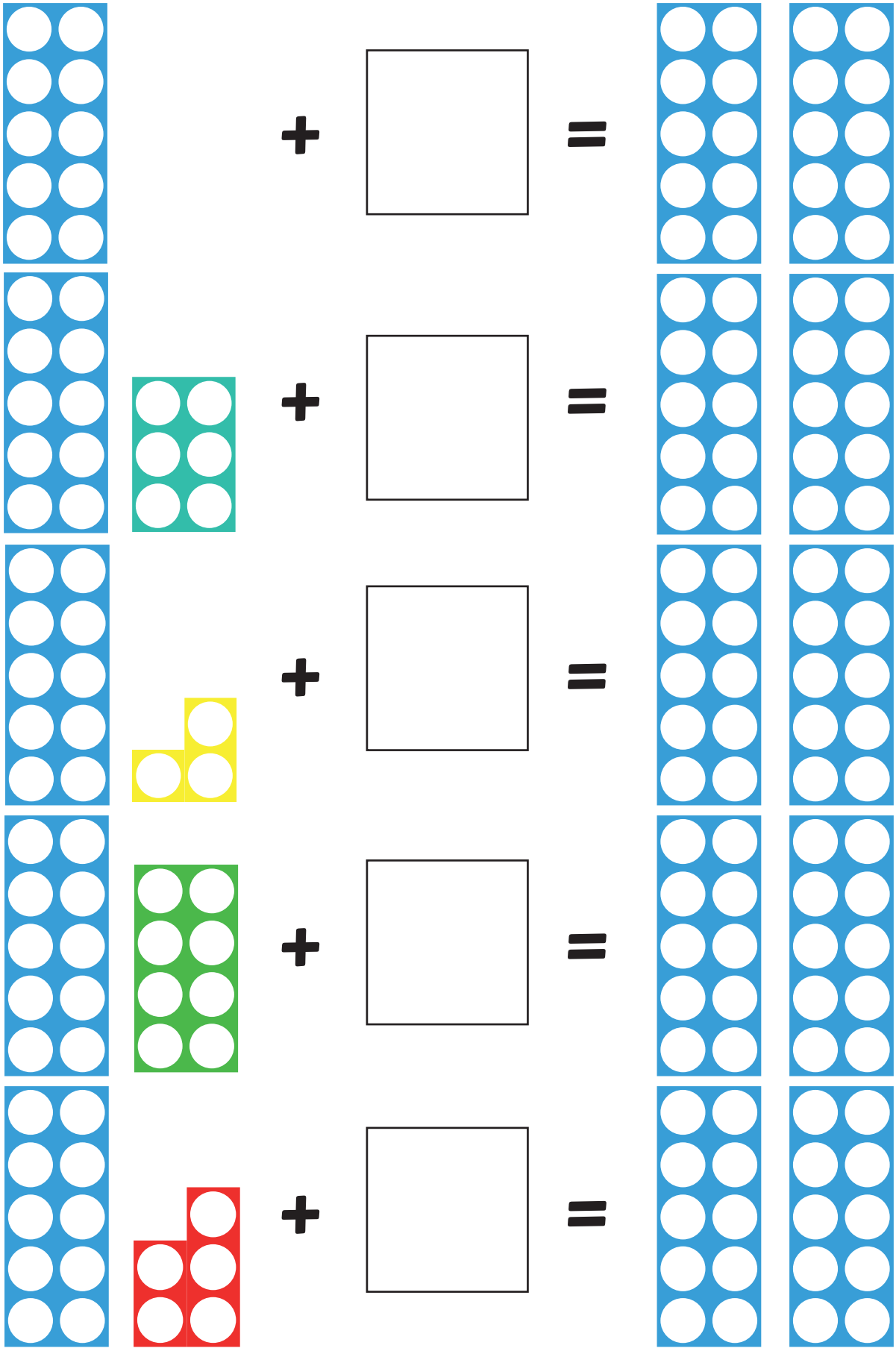
__ + __ = 20



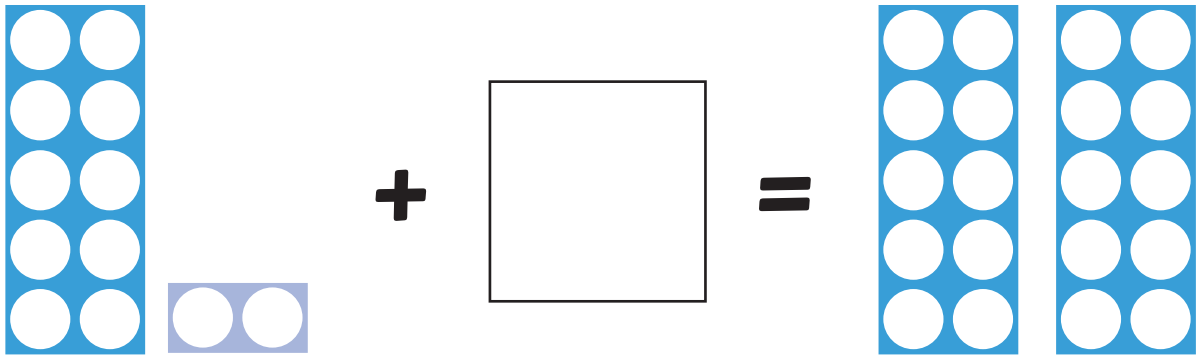
__ + __ = 20

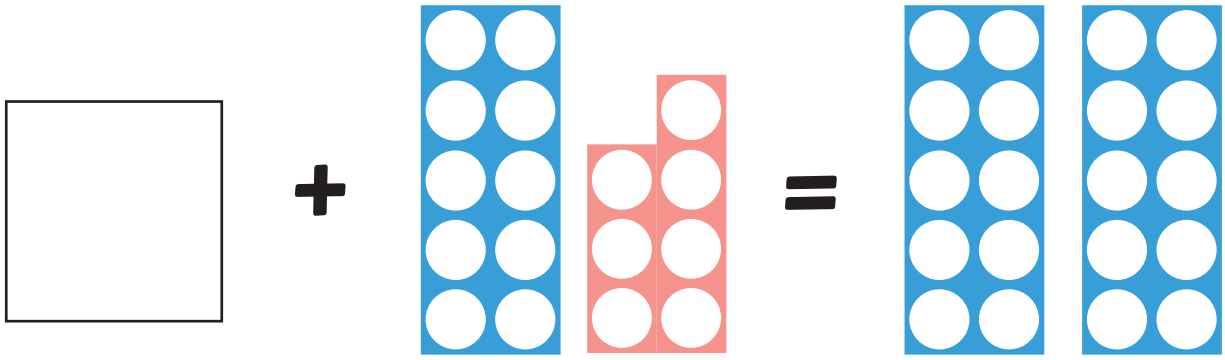
Number Shape Number Bonds of 20 Missing Numbers

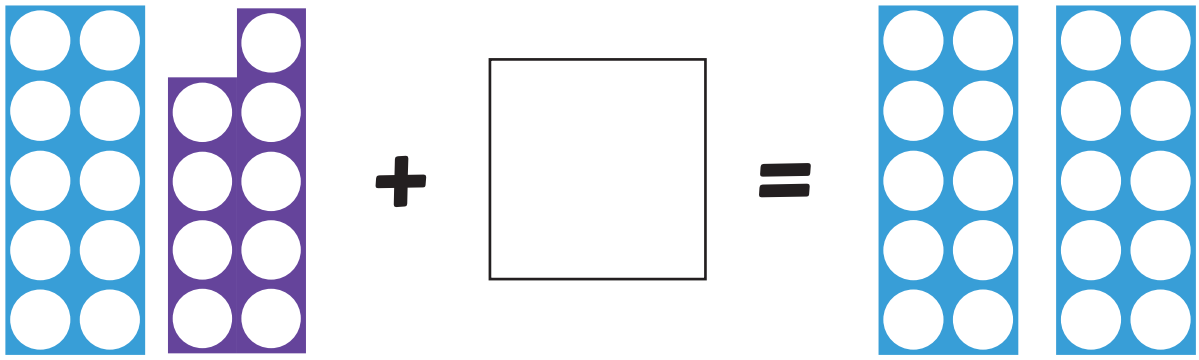
Use the number shapes to work out the missing number in each question.

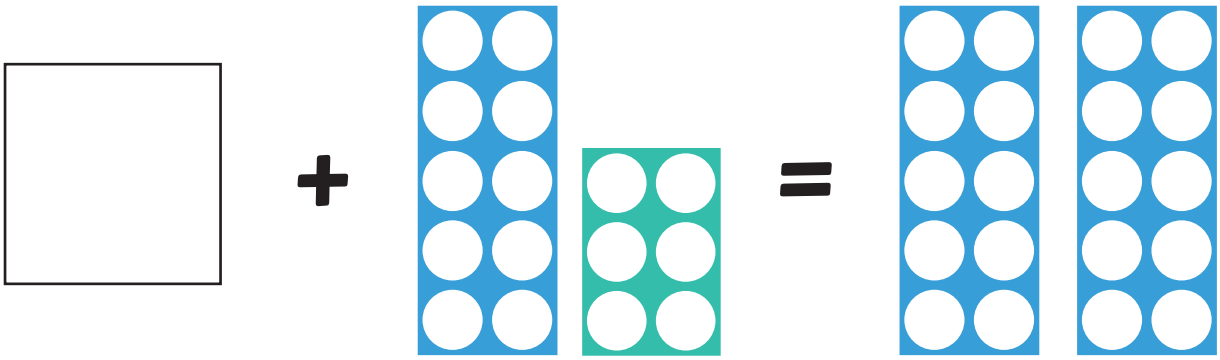


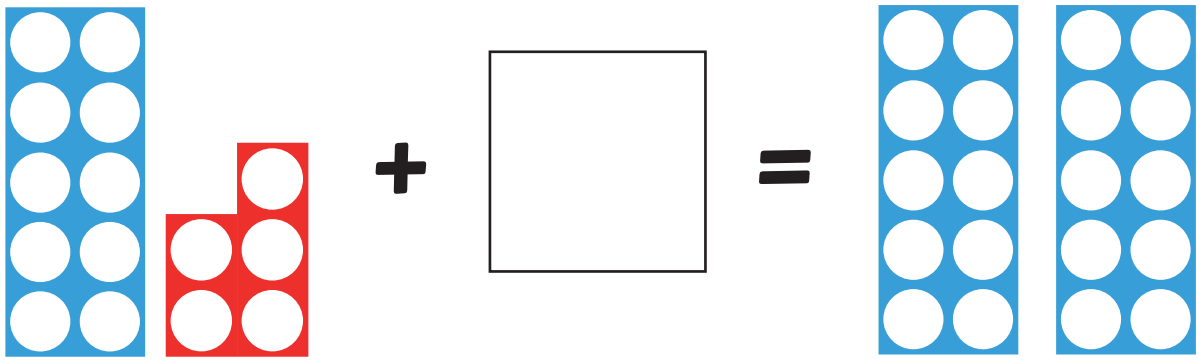
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Superhero Missing Numbers

Can you find the missing numbers?



15 + ☐ = 20

20 = 14 + ☐

☐ + 6 = 20

20 = ☐ + 9

7 + ☐ = 20



☐ + 11 = 20

10 + ☐ = 20

Four in a Row Game

This is a game for 2 players.

- Each player chooses a different coloured pencil.
- Take it in turns to choose 2 numbers on the grid that add together to make 20.
- If correct, colour them in.
- The first player to connect 4 numbers wins the game.

1	20	5	6	2
10	16	20	10	20
15	18	0	12	13
17	7	14	0	9
19	4	3	11	8

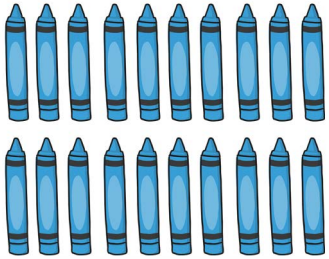
Number Bonds of 20 Worksheet

Find all the number bonds of 20 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 14 calculations to find.

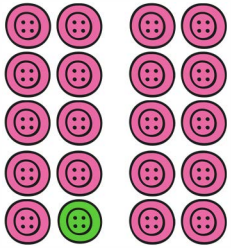
1	+	19	6	+	6	2	14
2	16	+	4	0	5	+	1
+	10	+	10	+	6	3	+
3	13	+	7	20	2	+	18
15	+	18	3	+	17	6	8
+	5	+	3	2	+	20	12
5	+	2	8	+	3	+	+
5	+	19	+	1	4	0	8

Number Bonds of 20

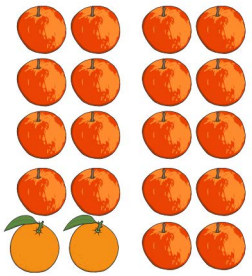
Write the 4 number sentences for each number bonds story.



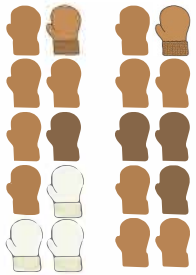
I have 20 crayons.
0 are red but 20 are blue.



I have 20 buttons.
1 is green and 19 are pink.



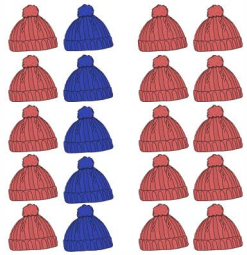
I have 20 pieces of fruit.
There are 2 oranges and 18 apples.



I have 20 single mittens.
3 are cream and 17 are brown.



There are 20 animals.
4 are cats and 16 are dogs.



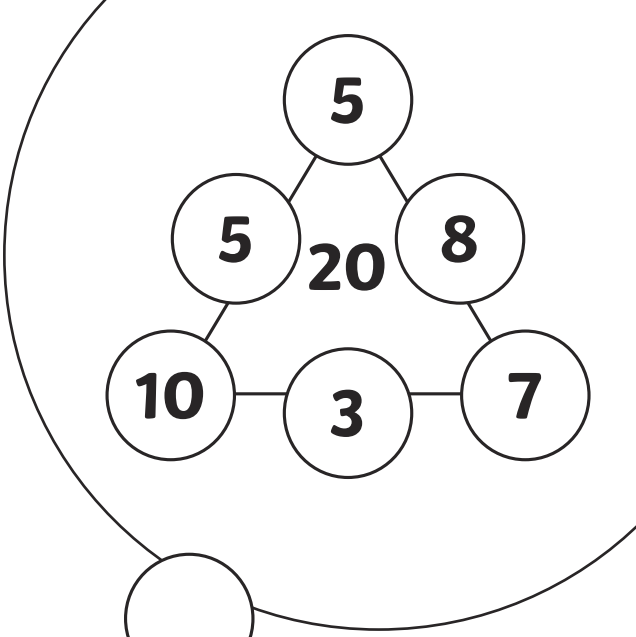
I have 20 hats.
5 are blue and 15 are red.

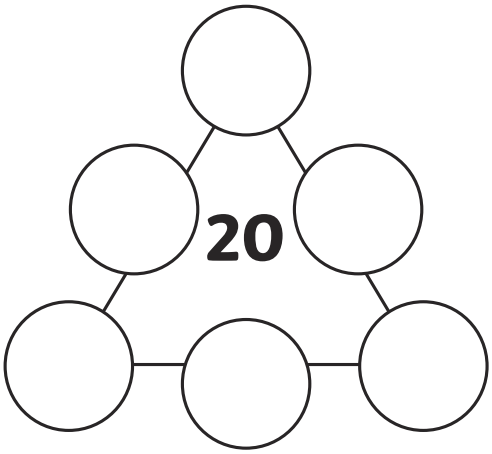
Triangle Totals

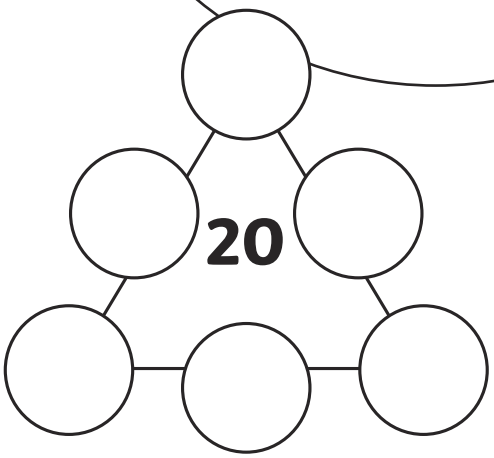
Number Bonds of 20

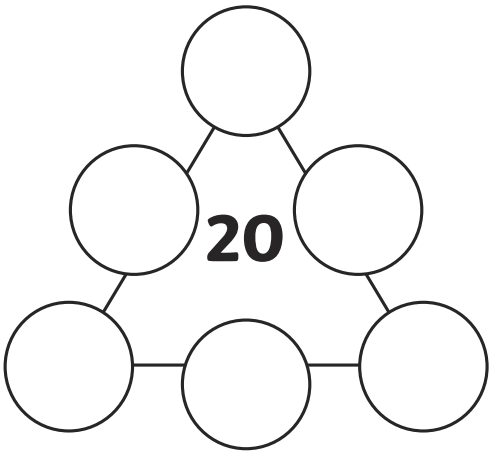
Can you use your number bond skills to make sure that each side adds up to a total of 20?

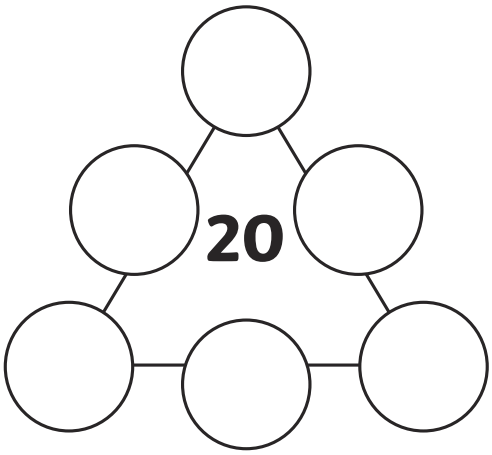
Can you find different ways to make a total of 20?

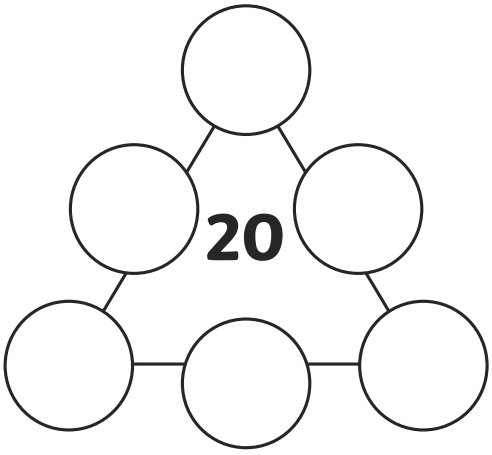


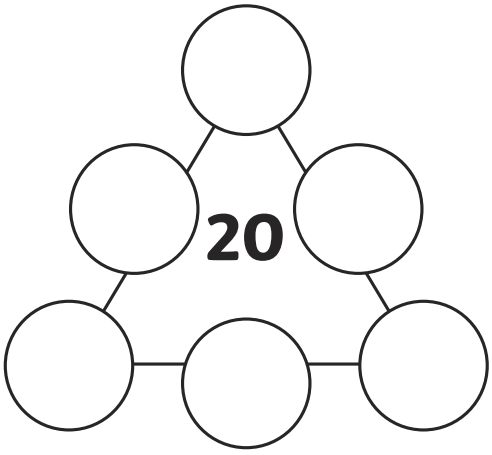






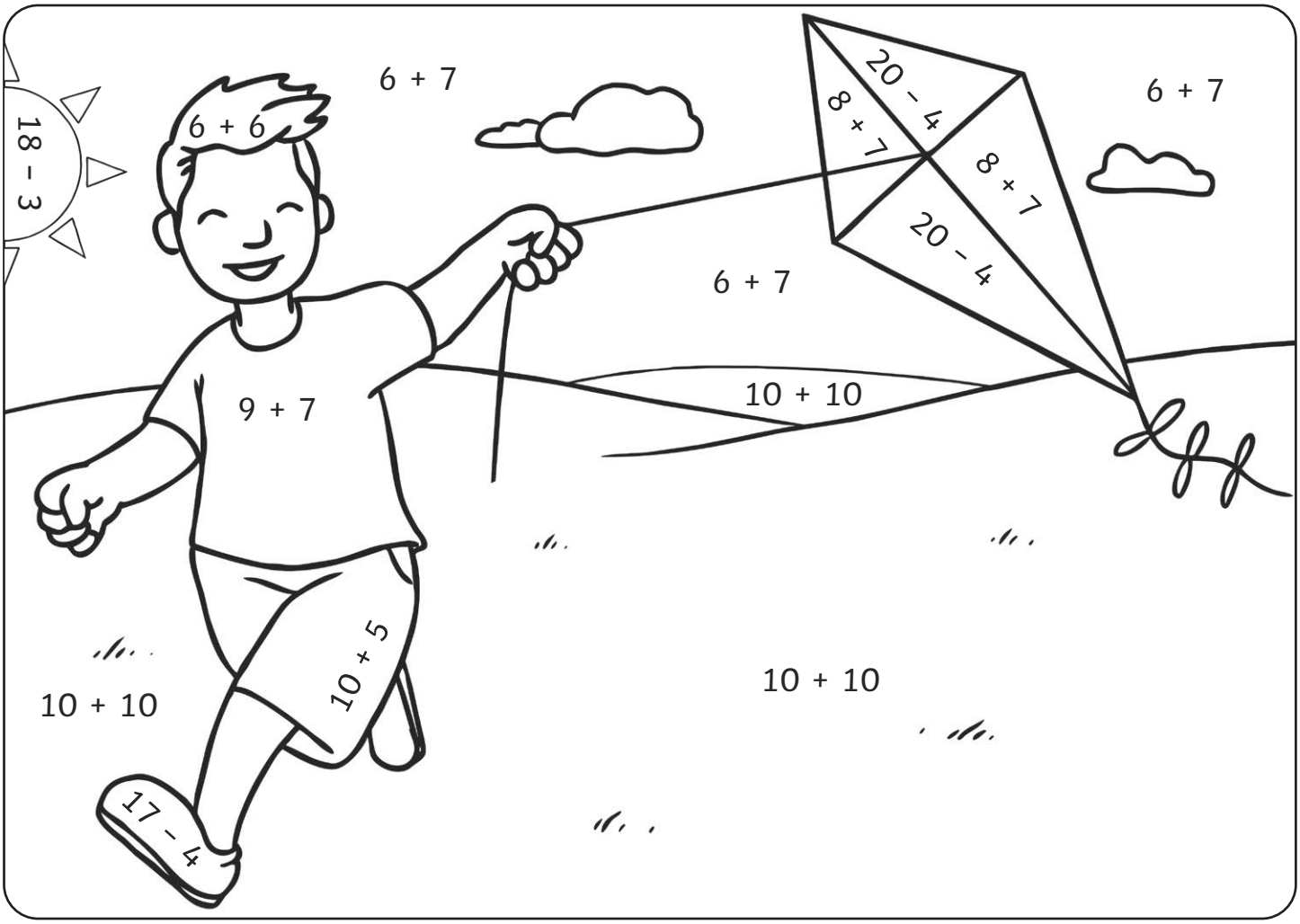






Addition and Subtraction of 20 Colour by Number

Solve the calculations to colour in this summer picture.



Answer:	**16**	**15**	**20**	**12**	**13**
Colour:	red	yellow	green	brown	blue

Bonds of 20 Bus Game

You will need:

- Dice
- Bus counters

Instructions:

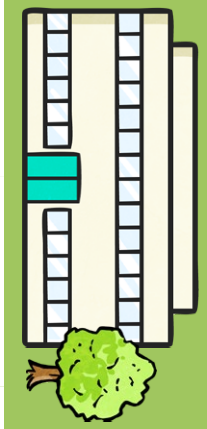
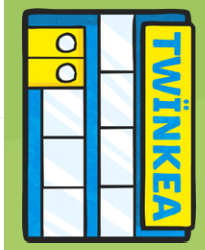
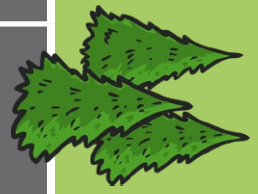
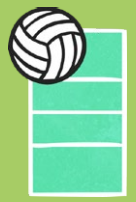
- Roll the dice and move your bus counter along the road, the number of spaces the dice shows.
- Say the bond that makes 20 with the number in the square you land on.
- The first person to reach the bus stop is the winner.






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Start		3	10	Go back one space.		15	0	4
18		16		14		20		Go back one space.
3		0		7		6		12
15		19		12		13		10
6		Go back one space.		1		Go back one space.		11
17		4		19		7		9
2	Go back one space.	11		Go back one space.	8	5		Finish

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