MATH

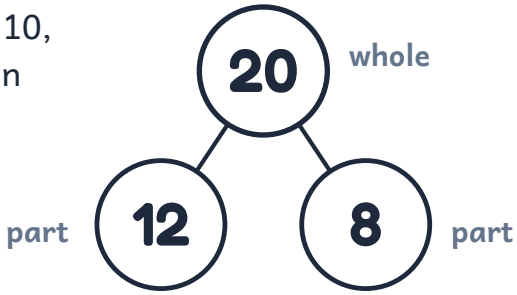
Number bonds to 20

Name _____ Date _____

I can find the two parts that make 20.

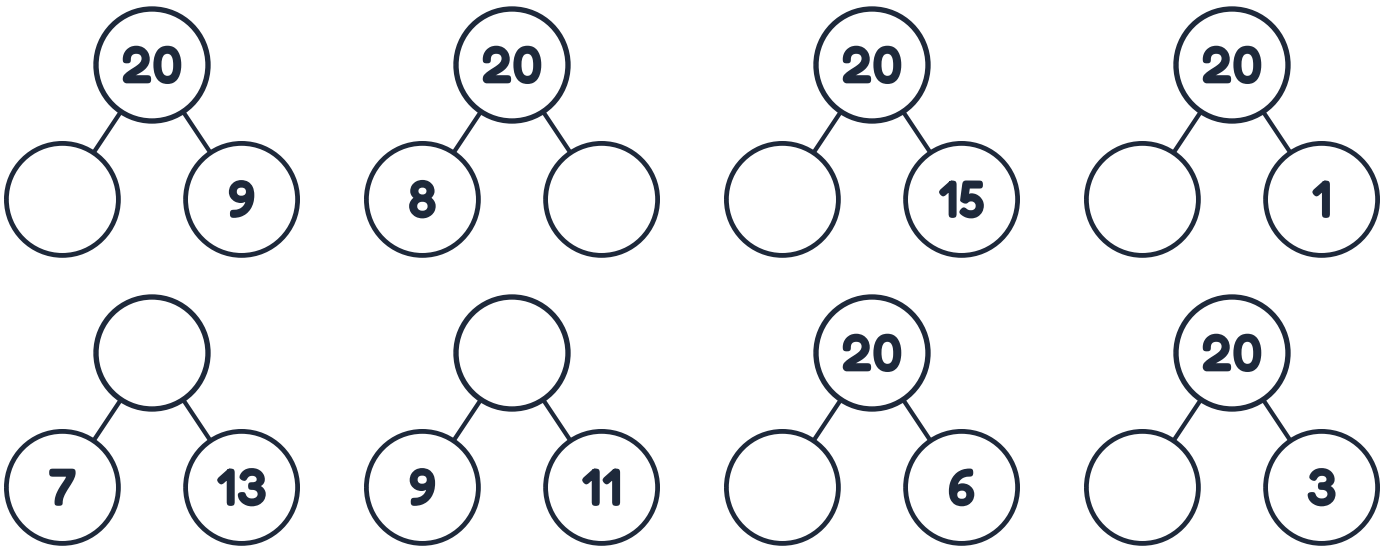
1 How it works

Use what you know about 10. If 3 and 7 make 10, then 13 and 7 make 20. Fill one ten frame, then look at what is missing in the second one.



2 Fill in the missing number

Part + part = whole.



How did I do? ☆ ☆ ☆

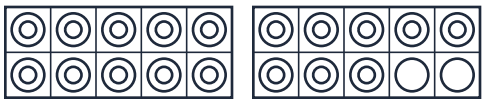
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Ways to make 20

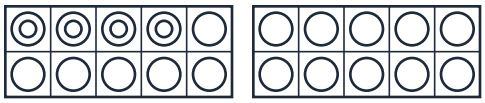
Name _____ Date _____

I can show 20 as two parts.

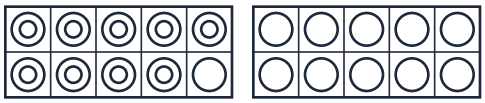
1 **Count the red and the blue. Write the two parts.**



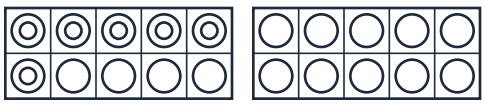
☐ + ☐ = 20



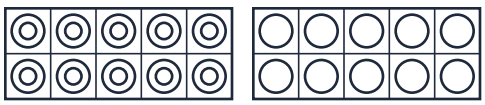
☐ + ☐ = 20



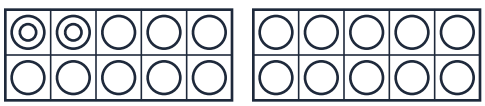
☐ + ☐ = 20



☐ + ☐ = 20



☐ + ☐ = 20



☐ + ☐ = 20

How did I do? ☆ ☆ ☆

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Bonds to 20

Name _____ Date _____

I can find the missing part of 20.

1 Write the missing number

10 + ☐ = 20

20 = 1 + ☐

20 − 10 = ☐

9 + ☐ = 20

15 + ☐ = 20

5 + ☐ = 20

☐ + 2 = 20

20 − 11 = ☐

20 − 3 = ☐

20 − 19 = ☐

20 − 1 = ☐

☐ + 15 = 20

2 Circle the pairs that make 20

4 and 14	7 and 13	3 and 19
15 and 5	12 and 10	9 and 11
12 and 8	18 and 3	1 and 19

How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can use bonds to 20 to solve problems.

1 Read, think, answer

1 There are 20 apples in a bowl. 12 are red and the rest are green. How many apples are green?

Answer:

2 20 ducks are by the pond. 15 ducks are in the water. How many ducks are on the grass?

Answer:

3 Sam has 13 stickers. How many more stickers does Sam need to have 20?

Answer:

4 Sara wants to put 20 pencils in two cups. Write three different ways to do it.

Answer:

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: number bonds to 20

1 Page 1

Missing numbers: 11, 12, 5, 19, 20, 20, 14, 17.

2 Page 2

Ways to make 20: 18 + 2, 4 + 16, 9 + 11, 6 + 14, 10 + 10, 2 + 18.

3 Page 3

Missing numbers: 10, 19, 10, 11, 5, 15, 18, 9, 17, 1, 19, 5.
Pairs that make 20: 7 and 13, 15 and 5, 9 and 11, 12 and 8, 1 and 19.

4 Page 4: word problems

1) 8 green apples (12 + 8 = 20)
2) 5 ducks (20 − 15 = 5)
3) 7 more (13 + 7 = 20)
4) Any three, such as 4 and 16, 8 and 12, 12 and 8

5 Teaching tip

Two ten frames side by side make 20. Ask children to say the missing part before they count the empty boxes.

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