

Freddie's Frog Pond

Name _____

Grade 2 • Facts within 20 • 2.OA.B.2

Date _____



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Beat the clock How many can you do in three minutes? Then finish the rest.

$7 + 8 = \square$

$4 + 10 = \square$

$19 - 2 = \square$

$6 + 11 = \square$

$5 + 2 = \square$

$6 + 4 = \square$

$15 - 6 = \square$

$2 + 10 = \square$

$8 + 2 = \square$

$4 + 4 = \square$

$3 + 4 = \square$

$18 - 4 = \square$

$18 - 5 = \square$

$2 + 6 = \square$

$2 + 4 = \square$

$7 + 7 = \square$

$13 - 4 = \square$

$3 + 2 = \square$

$20 - 2 = \square$

$8 - 2 = \square$

Colour by answer Colour every square whose answer is 7, 8 or 10.

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

What did you colour? _____

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ANSWER KEY



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Beat the clock How many can you do in three minutes? Then finish the rest.

$7 + 8 =$ 15	$4 + 10 =$ 14	$19 - 2 =$ 17	$6 + 11 =$ 17
$5 + 2 =$ 7	$6 + 4 =$ 10	$15 - 6 =$ 9	$2 + 10 =$ 12
$8 + 2 =$ 10	$4 + 4 =$ 8	$3 + 4 =$ 7	$18 - 4 =$ 14
$18 - 5 =$ 13	$2 + 6 =$ 8	$2 + 4 =$ 6	$7 + 7 =$ 14
$13 - 4 =$ 9	$3 + 2 =$ 5	$20 - 2 =$ 18	$8 - 2 =$ 6

Colour by answer Colour every square whose answer is 7, 8 or 10.

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

What did you colour? a tree

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GUIDE

① What this sheet practises

Knowing addition and subtraction facts up to 20 by heart, so bigger problems go faster.

② A problem from the sheet, worked out

Beat the clock How many can you do in three minutes? Then finish the rest.

$7 + 8 = 15$

$4 + 10 = 14$

$19 - 2 = 17$

$6 + 11 = 17$

$5 + 2 = 7$

$6 + 4 = 10$

$15 - 6 = 9$

$2 + 10 = 12$

$8 + 2 = 10$

$4 + 4 = 8$

$3 + 4 = 7$

$18 - 4 = 14$

How: Use a fact you know to reach one you don't: $8 + 7$ is a double plus one, $9 + 5$ is $10 + 4$. For subtraction, think addition: $13 - 6$ asks what adds to 6 to make 13.

③ Words to know

fact a short sum or difference you know by heart

double a number added to itself: $6 + 6$

make a ten fill up to 10 first: $8 + 5 = 10 + 3$

fluently quickly and correctly

④ Watch for

- Counting on fingers from 1 every time instead of using a known fact.
- Answers off by one: $8 + 7 = 14$ or $13 - 6 = 8$.
- Adding when the sign is $-$, in a mixed row.

⑤ Where it fits

BEFORE

1.OA.C.6

Add and subtract within 20 using strategies like making ten and doubles.

THIS SHEET

2.OA.B.2

Add and subtract within 20 from memory.

NEXT

3.OA.C.7

Multiply and divide within 100, and know the times tables from memory.

⑥ Helping at home

Play a quick card game: flip two cards and say the sum. A few minutes a day works better than one long session.