

# Emoji Addition Facts Up to 20

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

20 = yellow    12 = blue    10 = white    6 = red    15 = pink    background colour = black

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

Write 3 addition calculations where the total is 20.

1. \_\_\_\_\_ 3. \_\_\_\_\_

2. \_\_\_\_\_

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

Write 3 addition calculations where the total is 20.

**Any addition calculations that equal 20, such as:**

**$19 + 1 = 20$ ,  $15 + 5 = 20$ ,  $3 + 7 + 10 = 20$ .**

# Emoji Subtraction Facts Up to 20

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

10 = yellow    11 = blue    13 = white    8 = brown    5 = red    background colour = black

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

If I know that  $20 - 5 = 15$ , what other subtraction or addition related facts do I know?

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# Emoji Subtraction Facts Up to 20 Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

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

If I know that  $20 - 5 = 15$ , what other subtraction or addition related facts do I know?

**$20 - 15 = 5$ ,  $5 + 15 = 20$ ,  $15 + 5 = 20$**

# Emoji Addition and Subtraction Facts Up to 20

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

14 = blue

7 = white

12 = grey

9 = red

17 =  
purple

background  
colour = black

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

Circle the mistake. Explain how you know.

$3 + 17 = 20$

$20 - 11 = 10$

$18 + 2 = 20$

$20 - 16 = 4$

# Emoji Addition and Subtraction Facts Up to 20 Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

14 = blue

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

Circle the mistake. Explain how you know.

$3 + 17 = 20$

$20 - 11 = 10$

$18 + 2 = 20$

$20 - 16 = 4$

I know that  $20 - 10 = 10$  and  $20 - 11 = 9$  so this is a mistake.