

St. George's Day Addition Facts up to 20 Maths Mosaic

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

red: 1 to 6

grey: 7 to 12

blue: 13 to 20

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

Challenge question: Write as many 2-digit addition calculations as you can with the answer 12. Have you found all of them? How do you know?

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

Challenge question: Write as many 2-digit addition calculations as you can with the answer 12. Have you found all of them? How do you know?

Answer: $0 + 12 = 12$, $1 + 11 = 12$, $2 + 10 = 12$, $3 + 9 = 12$, $4 + 8 = 12$, $5 + 7 = 12$, $6 + 6 = 12$, $7 + 5 = 12$, $8 + 4 = 12$, $9 + 3 = 12$, $10 + 2 = 12$, $11 + 1 = 12$, $12 + 0 = 12$.

St. George's Day Subtraction Facts up to 20 Maths Mosaic

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

grey: 1 to 3

red: 4 to 7

blue: 8

brown: 9 to 10

skin tone: 11 to 15

green: 16 to 20

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

Challenge question: How many possible answers are there to this missing number calculation? $10 - \square = \square$

St. George's Day Subtraction Facts up to 20 Maths Mosaic

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

grey: 1 to 3

red: 4 to 7

blue: 8

brown: 9 to 10

skin tone: 11 to 15

green: 16 to 20

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

Challenge question: How many possible answers are there to this missing number calculation? $10 - \square = \square$

Answer: $10 - 10 = 0$, $10 - 9 = 1$, $10 - 8 = 2$, $10 - 7 = 3$, $10 - 6 = 4$, $10 - 5 = 5$, $10 - 4 = 6$, $10 - 3 = 7$, $10 - 2 = 8$, $10 - 1 = 9$, $10 - 0 = 10$

St. George's Day Addition and Subtraction Facts up to 20

Maths Mosaic

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

green: 0 to 10

black: 11 to 15

red: 16 to 20

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

Challenge question: Write all the addition and subtraction facts for $2 + 5 =$.

St. George's Day Addition and Subtraction Facts up to 20

Maths Mosaic **Answers**

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

green: 0 to 10

black: 11 to 15

red: 16 to 20

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

Challenge question: Write all the addition and subtraction facts for $2 + 5 =$.

Answer: $2 + 5 = 7$, $5 + 2 = 7$, $7 - 2 = 5$, $7 - 5 = 2$