

Christmas Addition Facts to 100

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Red

0 - 30

Yellow

31 - 60

Green

61 - 99

Brown

100

				21 + 10				
				55 + 10				
			20 + 10	65 + 30	12 + 10			
		40 + 20	90 + 5	45 + 10	70 + 10	25 + 10		
		41 + 20	45 + 30	45 + 20	90 + 9	55 + 15		
	15 + 10	65 + 10	18 + 10	22 + 60	20 + 8	70 + 4	24 + 2	
	80 + 10	30 + 30	80 + 8	20 + 20	40 + 40	50 + 7	90 + 2	
85 + 10	81 + 9	56 + 5	50 + 25	55 + 20	55 + 20	60 + 5	80 + 4	60 + 10
30 + 10	70 + 10	14 + 10	60 + 15	32 + 20	65 + 30	20 + 9	70 + 9	9 + 40
				70 + 30				

Challenge: $6 + 4 = 10$. Using this fact, what other number facts do you know?

Christmas Addition Facts to 100

Red

0 - 30

Yellow

31 - 60

Green

61 - 99

Brown

100

				21 + 10					
				55 + 10					
			20 + 10	65 + 30	12 + 10				
		40 + 20	90 + 5	45 + 10	70 + 10	25 + 10			
		41 + 20	45 + 30	45 + 20	90 + 9	55 + 15			
	15 + 10	65 + 10	18 + 10	22 + 60	20 + 8	70 + 4	24 + 2		
	80 + 10	30 + 30	80 + 8	20 + 20	40 + 40	50 + 7	90 + 2		
85 + 10	81 + 9	56 + 5	50 + 25	55 + 20	55 + 20	60 + 5	80 + 4	60 + 10	
30 + 10	70 + 10	14 + 10	60 + 15	32 + 20	65 + 30	20 + 9	70 + 9	9 + 40	
				70 + 30					

Challenge: $6 + 4 = 10$. Using this fact, what other number facts do you know?

Accept: $4 + 6 = 10$, $10 - 6 = 4$, $10 - 4 = 6$, $60 + 40 = 100$, $100 - 60 = 40$, $100 - 40 = 60$.

Christmas Subtraction Facts to 100

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Red

Brown

Grey

Green

Black

0 - 25

26 - 50

51 - 80

81 - 90

91 - 100

100 - 10	30 - 5	98 - 10	100 - 15	30 - 10	95 - 10	92 - 10	30 - 20	91 - 10
50 - 20	40 - 5	38 - 8	90 - 40	80 - 30	55 - 20	75 - 30	46 - 6	45 - 10
100 - 50	90 - 50	48 - 8	75 - 25	55 - 20	56 - 6	36 - 6	59 - 9	65 - 20
55 - 5	57 - 7	25 - 5	40 - 20	45 - 20	60 - 40	20 - 5	34 - 4	43 - 3
60 - 20	46 - 6	35 - 10	35 - 15	10 - 5	15 - 5	50 - 40	100 - 60	80 - 50
70 - 30	90 - 60						70 - 40	99 - 50
51 - 1	100 - 70	100 - 20	100 - 80	88 - 8	90 - 70	90 - 30	37 - 7	80 - 40
36 - 10	55 - 10	80 - 20	100 - 7	100 - 30	100 - 5	75 - 20	65 - 30	85 - 35
70 - 30	42 - 2	100 - 3	100 - 1	75 - 20	100 - 6	100 - 4	56 - 6	70 - 20

Challenge: $10 - 8 = 2$. Using this fact, what other number facts do you know?

Christmas Subtraction Facts to 100

Red

0 - 25

Brown

26 - 50

Grey

51 - 80

Green

81 - 90

Black

91 - 100

100 - 10	30 - 5	98 - 10	100 - 15	30 - 10	95 - 10	92 - 10	30 - 20	91 - 10
50 - 20	40 - 5	38 - 8	90 - 40	80 - 30	55 - 20	75 - 30	46 - 6	45 - 10
100 - 50	90 - 50	48 - 8	75 - 25	55 - 20	56 - 6	36 - 6	59 - 9	65 - 20
55 - 5	57 - 7	25 - 5	40 - 20	45 - 20	60 - 40	20 - 5	34 - 4	43 - 3
60 - 20	46 - 6	35 - 10	35 - 15	10 - 5	15 - 5	50 - 40	100 - 60	80 - 50
70 - 30	90 - 60						70 - 40	99 - 50
51 - 1	100 - 70	100 - 20	100 - 80	88 - 8	90 - 70	90 - 30	37 - 7	80 - 40
36 - 10	55 - 10	80 - 20	100 - 7	100 - 30	100 - 5	75 - 20	65 - 30	85 - 35
70 - 30	42 - 2	100 - 3	100 - 1	75 - 20	100 - 6	100 - 4	56 - 6	70 - 20

Challenge: $10 - 8 = 2$. Using this fact, what other number facts do you know?

Accept: $10 - 2 = 8$, $8 + 2 = 10$, $2 + 8 = 10$, $100 - 80 = 20$, $100 - 20 = 80$, $20 + 80 = 100$, $80 + 20 = 100$.

Christmas Addition and Subtraction Facts to 100

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Yellow

0 - 40

Gold/Orange

41 - 70

Green

75 - 100

				100 - 30				
	100 - 60		40 + 20	20 + 10	35 + 20		30 + 10	
		64 - 4	15 + 10	50 + 7	48 - 8	40 + 5		
	100 - 50	30 + 20	15 + 20	100 - 40	35 - 5	60 + 5	25 + 20	
		40 + 6	50 + 4	10 + 20	59 - 9	40 + 30		
	60 - 30		95 - 40	40 - 20	85 - 40		20 + 20	
50 - 10			62 - 2	22 + 20	76 - 6			26 - 6
			100 - 20	36 + 10	89 - 9			
		90 - 10	45 + 30	16 + 30	100 - 10	70 + 6		
	40 + 40	52 + 40	96 - 6	27 + 20	64 + 30	82 - 2	100 - 15	

Challenge: $5 + 5 = 10$ so $55 + 55 = 100$. Is this true or false? Explain your reasoning.

Christmas Addition and Subtraction Facts to 100

Yellow

0 - 40

Gold/Orange

41 - 70

Green

75 - 100

				100 - 30				
	100 - 60		40 + 20	20 + 10	35 + 20		30 + 10	
		64 - 4	15 + 10	50 + 7	48 - 8	40 + 5		
	100 - 50	30 + 20	15 + 20	100 - 40	35 - 5	60 + 5	25 + 20	
		40 + 6	50 + 4	10 + 20	59 - 9	40 + 30		
	60 - 30		95 - 40	40 - 20	85 - 40		20 + 20	
50 - 10			62 - 2	22 + 20	76 - 6			26 - 6
			100 - 20	36 + 10	89 - 9			
		90 - 10	45 + 30	16 + 30	100 - 10	70 + 6		
	40 + 40	52 + 40	96 - 6	27 + 20	64 + 30	82 - 2	100 - 15	

Challenge: $5 + 5 = 10$ so $55 + 55 = 100$. Is this true or false? Explain your reasoning.

This is false because $50 + 50 = 100$ and $5 + 5 = 10$, so $55 + 55 = 110$.