

Math

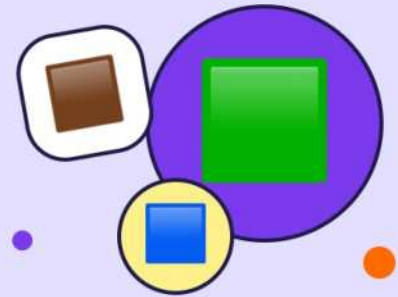
Grade 2

Pixel art math: add and subtract to color

Solve each problem to find the color for every pixel in a blocky picture.



I can add and subtract within 100.

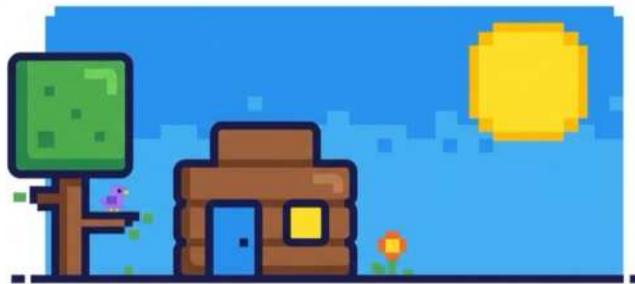


1



Color by answer

Solve. Then write the color: 35 = green, 48 = brown, 62 = blue.



Pixel	Problem	Answer	Color
1	$23 + 12$		
2	$56 - 8$		
3	$40 + 22$		
4	$70 - 35$		
5	$29 + 19$		
6	$81 - 19$		

2 Pixel rows

Add the rows of pixels.

1. A pixel tree has 3 rows of 4 pixels. $4 + 4 + 4 =$ _____
2. A pixel house has 5 rows of 5 pixels. $5 + 5 + 5 + 5 + 5 =$ _____
3. A pixel sword has 2 rows of 6 pixels. $6 + 6 =$ _____

3 Greater or less?

Write $>$, $<$ or $=$ in each circle.

$38 + 7$



45

$62 - 9$



54

$27 + 27$



50

$90 - 45$



44

4 Pixel problems

Circle the right answer.

1. A picture has 16 blue pixels and 27 green pixels. How many pixels in all?

A 33

B 43

C 41

2. Mia needs to color 64 pixels. She has colored 50. How many are left?

A 14

B 24

C 16

3. A row has 8 pixels. How many pixels are in 2 rows?

A 10

B 16

C 18

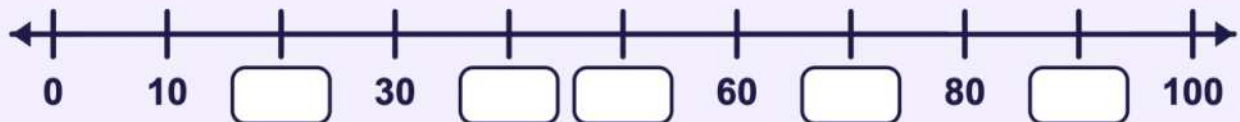
5 Pixel drill

Add or subtract.

1. $34 + 25 =$ _____
2. $47 + 16 =$ _____
3. $58 + 30 =$ _____
4. $72 - 24 =$ _____
5. $91 - 37 =$ _____
6. $65 - 40 =$ _____
7. $19 + 19 =$ _____
8. $100 - 45 =$ _____

6 Count by tens

Write the missing numbers on the pixel line.



7 True or false

Circle the right answer.

1. $46 + 20 = 66$
2. $53 - 8 = 45$
3. $37 + 15 = 42$
4. $80 - 26 = 64$
5. $25 + 25 = 50$
6. $61 - 19 = 42$

True

False

True

False

True

False

True

False

True

False

True

False

8 More pixel problems

Read each problem and circle the right answer.

1. A pixel cat has 24 black pixels and 18 white pixels. How many pixels in all?

A 32

B 42

C 44

2. Leo colors 36 pixels on Monday and 28 on Tuesday. How many more on Monday?

A 8

B 12

C 18

3. A picture has 5 rows of 10 pixels. How many pixels is that?

A 15

B 40

C 50

4. Ava has 75 pixels to color. She has colored 49. How many are left?

A 24

B 26

C 34

9 Your pixel picture

Draw a 6 by 6 grid of squares. Color a pixel picture with 3 colors. Write how many squares you used of each color.



How did it go?



Made with 

Math

Grade 2

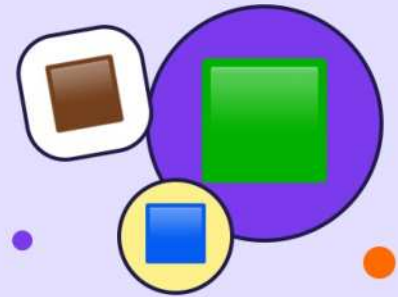
Answer key

Pixel art math: add and subtract to color

Solve each problem to find the color for every pixel in a blocky picture.



I can add and subtract within 100.

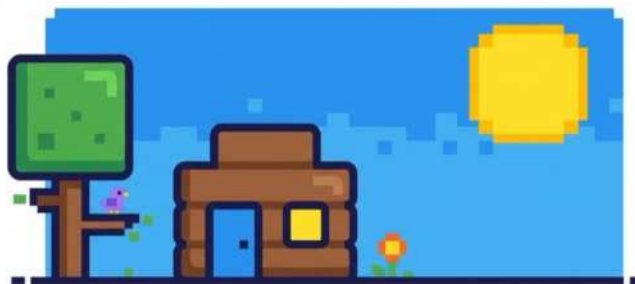


1



Color by answer

Solve. Then write the color: 35 = green, 48 = brown, 62 = blue.



Pixel	Problem	Answer	Color
1	$23 + 12$	35	green
2	$56 - 8$	48	brown
3	$40 + 22$	62	blue
4	$70 - 35$	35	green
5	$29 + 19$	48	brown
6	$81 - 19$	62	blue

2 Pixel rows

Add the rows of pixels.

1. A pixel tree has 3 rows of 4 pixels. $4 + 4 + 4 =$ 12
2. A pixel house has 5 rows of 5 pixels. $5 + 5 + 5 + 5 + 5 =$ 25
3. A pixel sword has 2 rows of 6 pixels. $6 + 6 =$ 12

3 Greater or less?

Write $>$, $<$ or $=$ in each circle.

$38 + 7$



45

$62 - 9$



54

$27 + 27$



50

$90 - 45$



44

4 Pixel problems

Circle the right answer.

1. A picture has 16 blue pixels and 27 green pixels. How many pixels in all?

A 33

B 43

C 41

2. Mia needs to color 64 pixels. She has colored 50. How many are left?

A 14

B 24

C 16

3. A row has 8 pixels. How many pixels are in 2 rows?

A 10

B 16

C 18

5 Pixel drill

Add or subtract.

1. $34 + 25 =$ 59

2. $47 + 16 =$ 63

3. $58 + 30 =$ 88

4. $72 - 24 =$ 48

5. $91 - 37 =$ 54

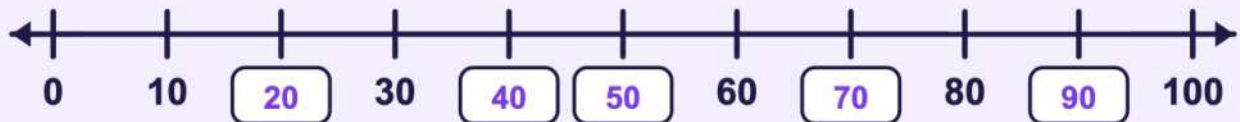
6. $65 - 40 =$ 25

7. $19 + 19 =$ 38

8. $100 - 45 =$ 55

6 Count by tens

Write the missing numbers on the pixel line.



7 True or false

Circle the right answer.

1. $46 + 20 = 66$

True

False

2. $53 - 8 = 45$

True

False

3. $37 + 15 = 42$

True

False

4. $80 - 26 = 64$

True

False

5. $25 + 25 = 50$

True

False

6. $61 - 19 = 42$

True

False

8 More pixel problems

Read each problem and circle the right answer.

1. A pixel cat has 24 black pixels and 18 white pixels. How many pixels in all?

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