



What is a Fraction, Numerator and Denominator?

FREE Worksheet - 1

Time: 20 minutes

(Detailed solutions at the end)

1. What is the numerator in the given fraction?

$$\frac{7}{12}$$

Answer: _____

2. The numerator of a fraction is 4.

The denominator of the fraction is twice its numerator.

What fraction is it?

Answer: _____



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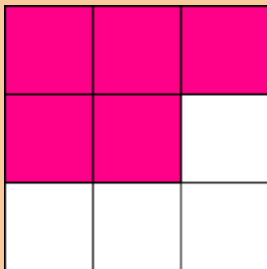
3. Curtis had 10 erasers.

He gave 4 erasers to his friend.

What fraction of the erasers did he give to his friend?

Answer: _____

4. Express the shaded area in the figure below as a fraction.



Answer: _____



5. I am a fraction.

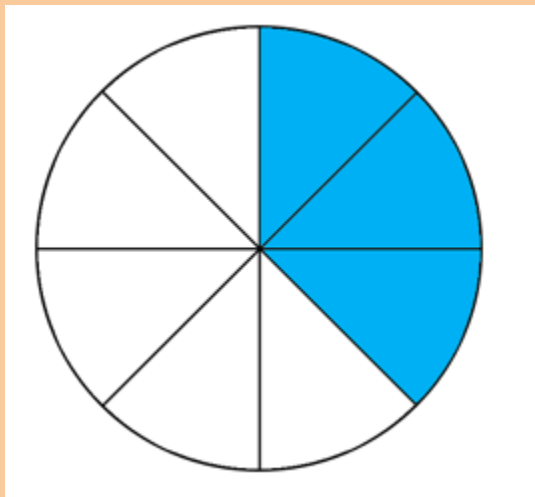
The sum of my numerator and denominator is 19.

My denominator is 3 more than my numerator.

What fraction am I?

Answer: _____

6. Express the shaded area in the figure below as a fraction.



Answer: _____



7. Express the shaded area in the figure below as a fraction.



Answer: _____

8. Geetha cut a pie into 6 pieces.

She ate 4 pieces of the pie.

What fraction of the pie is left?

Answer: _____



SOLUTIONS

Problem 1

The top number in a fraction is the numerator.

In the given fraction, the numerator is 7.

Problem 2

$$\begin{aligned}\text{Denominator} &= \text{Numerator} \times 2 \\ &= 4 \times 2 \\ &= 8\end{aligned}$$

So, the fraction is $\frac{4}{8}$

Problem 3

He gave 4 out of the 10 erasers to his friend.

So, he gave $\frac{4}{10}$ of the erasers to his friend.

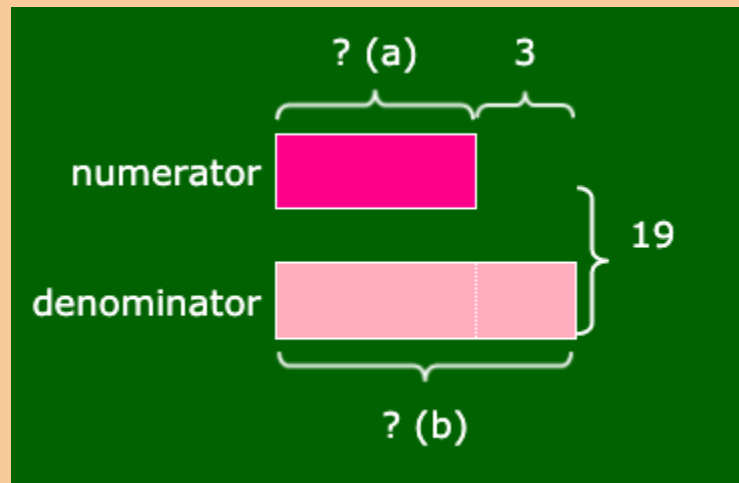


Problem 4

5 out of 9 squares in the figure are shaded.

So, the shaded area is $\frac{5}{9}$ of the figure.

Problem 5



$$\begin{aligned} 2 \text{ units} &= 19 - 3 \\ &= 16 \end{aligned}$$

$$1 \text{ unit} = 8 \text{ (numerator)}$$

$$8 + 3 = 11 \text{ (denominator)}$$

So, the fraction is $\frac{8}{11}$



Problem 6

_____ 3 out of 8 slices in the figure are shaded.

So, the shaded area is $\frac{3}{8}$ of the figure.

Problem 7

_____ 5 out of 8 slices in the figure are shaded.

So, the shaded area is $\frac{5}{8}$ of the figure.

Problem 8

_____ $6 - 4 = 2$

2 out of the 6 pieces of the pie are left.

So, $\frac{2}{6}$ of the pie is left.



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