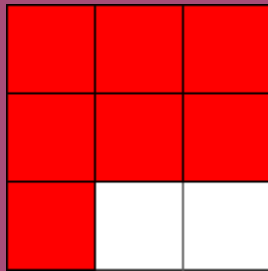# What is a Fraction, Numerator and Denominator?

FREE Worksheet - 5

Time: 20 minutes

(Detailed solutions at the end)

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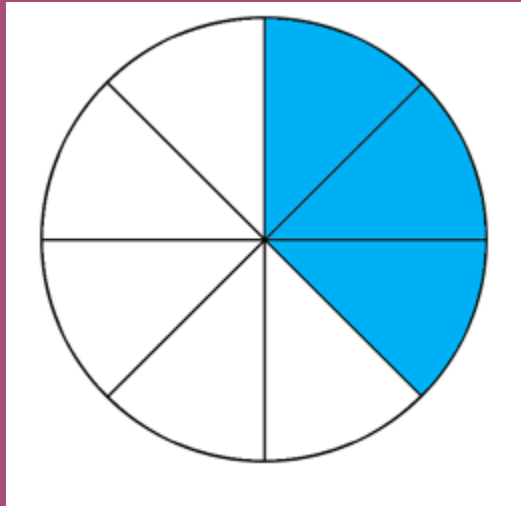

Answer: _____

2. What is the denominator in the given fraction?

$$\frac{2}{12}$$

Answer: _____

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

Answer: _____

4. The numerator of a fraction is 3.

    The denominator of the fraction is twice its numerator.

    What fraction is it?

Answer: _____

5. I am a fraction.

    The sum of my numerator and denominator is 19.

    My denominator is 5 more than my numerator.

    What fraction am I?

    Answer: _____

6. Christy cut a pizza into 8 slices.

    She ate 3 slices of the pizza.

    What fraction of the pizza is left?

    Answer: _____

7. Rodolfo had 7 erasers.

    He gave 5 erasers to his brother.

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

    Answer: _____

8. Akshay has 5 red toy cars and 3 blue toy cars.

   What fraction of his toy cars is red?

Answer: _____

SOLUTIONS

Problem 1

7 out of 9 squares in the figure are shaded.

So, the shaded area is $\dfrac{7}{9}$ of the figure.

Problem 2

The bottom number in a fraction is the denominator.

In the given fraction, the denominator is 12.

Problem 3

3 out of 8 slices in the figure are shaded.
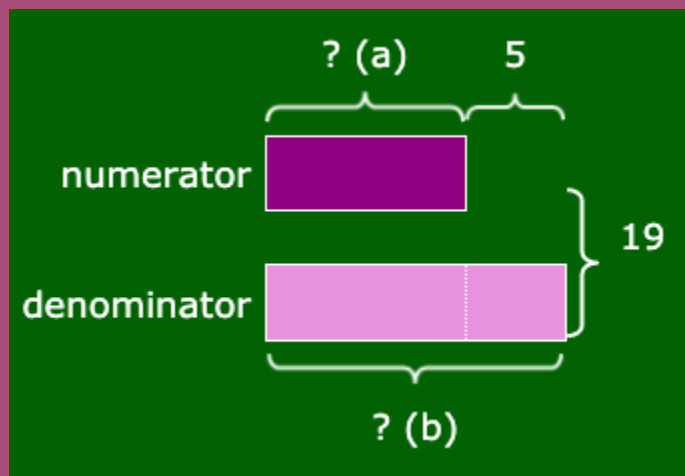
So, the shaded area is $\dfrac{3}{8}$ of the figure.

Problem 4

Denominator	=	Numerator × 2
	=	3 × 2
	=	6

So, the fraction is $\dfrac{3}{6}$.

Problem 5

2 units	=	19 − 5
	=	14
1 unit	=	7 (numerator)
7 + 5	=	12 (denominator)

So, the fraction is $\dfrac{7}{12}$

Problem 6

_____8 − 3 = 5

5 out of the 8 slices of the pizza are left.

So, $\dfrac{5}{8}$ of the pizza is left.

Problem 7

_____

He gave 5 out of the 7 erasers to his brother.

So, he gave $\dfrac{5}{7}$ of the erasers to his brother.

Problem 8

_____5 + 3 = 8

He has 8 toy cars altogether.

5 out of his 8 toy cars are red.

So, $\dfrac{5}{8}$ of his toy cars is red.