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WORKSHEET ON SIMPLIFYING FRACTIONS- 2

1) Fill in the blanks with a correct number.

$$\frac{4}{6} = \frac{\boxed{}}{3}$$

2) Choose the simplified fraction for $\frac{6}{16}$.

- a) $\frac{3}{8}$
- b) $\frac{8}{3}$
- c) $\frac{18}{32}$
- d) $\frac{80}{30}$

3) What is the simplified fraction for 'two-fourths'?

4) Choose a pair of a fraction and its simplified form from the list of fractions shown below.

$$\frac{3}{8}, \frac{8}{16}, \frac{9}{24}, \frac{10}{14}$$

5) Fill in the blanks.

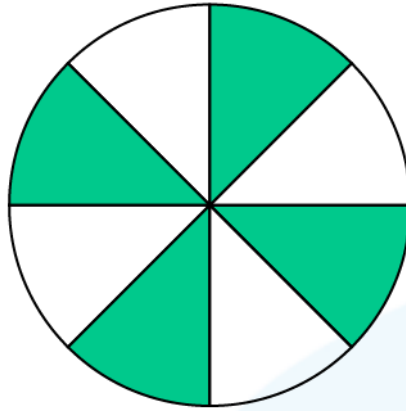
a) If $\frac{10}{14} = \frac{5}{7}$, then $\underline{\hspace{1cm}} \times 7 = 14 \times 5$

b) If $14 \times 2 = 7 \times 4$, then $\frac{14}{4} = \underline{\hspace{1cm}}$

6) Which of the following option(s) is/are correct?

- a) $\frac{21}{15} = \frac{7}{5}$
- b) $\frac{1}{6} = \frac{4}{24}$
- c) $\frac{6}{8} = \frac{3}{2}$
- d) $\frac{5}{9} = \frac{25}{27}$

7) Choose the fraction(s) represented by the part shaded in green.



- a) $\frac{1}{2}$
- b) $\frac{4}{16}$
- c) $\frac{4}{8}$
- d) $\frac{1}{4}$

8) What is the product of $\frac{18}{6}$ and $\frac{6}{24}$ in simplified form?

9) There were 25 insects on a flower and 10 flew away. Write the simplified fraction for the insects that flew away.

10) Ms. Dolma baked a cake and she divided it into 16 slices. She puts a cherry on 4 of the slices. What is the simplified fraction representing the slices with a cherry?



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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

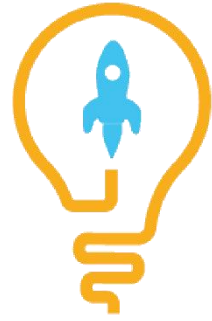
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1)	2
2)	a) $\frac{3}{8}$
3)	$\frac{1}{2}$
4)	$\frac{3}{8}, \frac{9}{24}$
5)	a) 10, b) $\frac{7}{2}$
6)	a), b)
7)	a), c)
8)	$\frac{3}{4}$
9)	$\frac{2}{5}$
10)	$\frac{1}{4}$

FUN FACT

1. A fraction and its simplified form have the same value.
2. A simplified fraction is equivalent to the original fraction.
3. One of the quickest ways to find the simplified fraction for a given fraction is to divide the numerator and denominator by their greatest common factor.

