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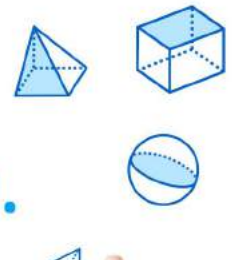

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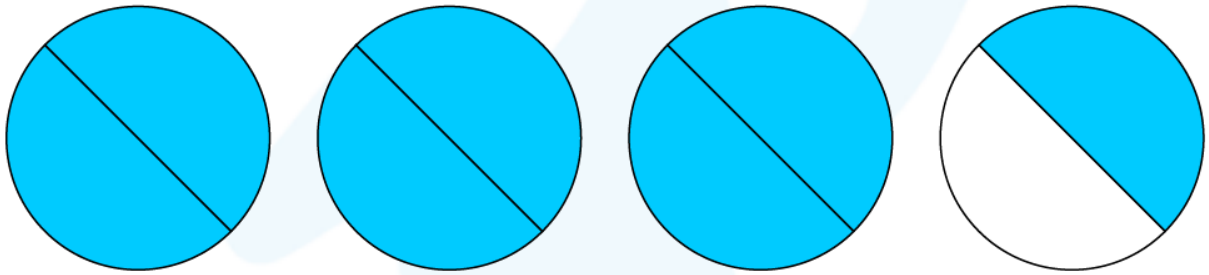
FINDING EQUIVALENT FRACTIONS WORKSHEET - 4

1) By which number should we multiply the numerator and denominator of the fraction $\frac{8}{3}$ to make it equivalent to $\frac{32}{12}$?

2) State true or false.
   a) $\frac{4}{10}$ is equivalent to $\frac{2}{5}$.
   b) $\frac{10}{12}$ is equivalent to $\frac{5}{6}$.

3) Choose fraction(s) represented by the model shown below.



a) $\frac{6}{3}$
b) $\frac{3}{4}$
c) $\frac{7}{2}$
d) $\frac{14}{4}$

4) Fill in the blanks.
a) $\frac{5}{11}$ and $\frac{25}{55}$ form a pair of _____ fractions.
b) The value of the fractions $\frac{5}{11}$ and $\frac{25}{55}$ is always _____.

5) Select a fraction equivalent to 'six-hundredths'.
a) $\frac{100}{6}$
b) $\frac{6}{100}$
c) $\frac{36}{20}$
d) $\frac{20}{36}$

6) Jenny bought a bouquet of flowers containing 12 flowers in all. It has 7 roses. Choose fraction(s) representing the roses.

a) $\frac{8}{12}$

b) $\frac{2}{5}$

c) $\frac{8}{24}$

d) $\frac{14}{24}$

7) Fill the missing numbers.

$$\frac{49}{56} = \frac{49 \div \square}{56 \div \square} = \frac{7}{8}$$

8) Choose the fractions equivalent to $\frac{9}{5}$ from the list of fractions shown below.

$\frac{5}{8}, \frac{81}{45}, \frac{12}{10}, \frac{45}{25}$

9) Fill the missing number that makes the fractions equal.

$$\frac{?}{26} = \frac{11}{13}$$

10) Choose the fraction(s) equivalent to $\frac{6}{9}$.

a) $\frac{3}{2}$

b) $\frac{2}{3}$

c) $\frac{3}{8}$

d) $\frac{8}{3}$

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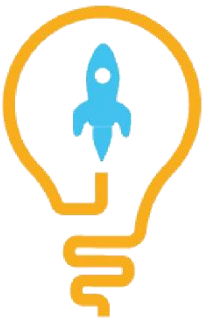

ANSWERS

1)	4
2)	a) True, b) False
3)	c), d)
4)	a) equivalent, b) equal
5)	a), b)
6)	d) $\frac{14}{24}$
7)	7, 7
8)	$\frac{81}{45}, \frac{45}{25}$
9)	22
10)	b) $\frac{2}{3}$

FUN FACT

1. A pair of equivalent fractions have the same value.
2. A reduced fraction is equivalent to the original fraction.
3. One of the quickest ways to find the equivalent fraction for a given fraction is to multiply or divide the numerator and denominator by the same number.