

Name: _____ Date: _____

Equivalent Fractions

Q1. Find two equivalent fractions of $\frac{2}{9}$.

Sol.

Q2. Find two equivalent fractions of $\frac{36}{48}$.

Sol.

Q3. Find the equivalent fraction of $\frac{3}{5}$ with numerator 12.

Sol.

Q4. Find the equivalent fraction of $\frac{36}{48}$ with denominator 4.

Sol.

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Answers

Equivalent Fractions

Q1. Find two equivalent fractions of $\frac{2}{9}$.

Sol.

$\frac{2}{9}$,	$\frac{2 \times 2}{9 \times 2} = \frac{4}{18}$,	$\frac{2 \times 3}{9 \times 3} = \frac{6}{27}$
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Q2. Find two equivalent fractions of $\frac{36}{48}$.

Sol.

$\frac{36}{48}$,	$\frac{36 \div 2}{48 \div 2} = \frac{18}{24}$,	$\frac{36 \div 3}{48 \div 3} = \frac{12}{16}$
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Q3. Find the equivalent fraction of $\frac{3}{5}$ with numerator 12.

Sol. We know $3 \times 4 = 12$. This means we need to multiply both the numerator and the denominator by 4 to get the equivalent fraction.

$\frac{3}{5}$	=	$\frac{3 \times 4}{5 \times 4} = \frac{12}{20}$
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Hence, $\frac{12}{20}$ is the required equivalent fraction.

Q4. Find the equivalent fraction of $\frac{36}{48}$ with denominator 4.

Sol. We know that $48 \div 12 = 4$. We, therefore, divide both the numerator and the denominator of by 12.

$\frac{36 \div 12}{48 \div 12} = \frac{3}{4}$
