

Fractions

Equivalent fractions

Circle the fraction in the box which is equivalent to the fraction in the question.

a) $\frac{3}{9} =$

$\frac{3}{12}$	$\frac{1}{6}$	$\frac{1}{3}$
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b) $\frac{3}{4} =$

$\frac{9}{16}$	$\frac{6}{8}$	$\frac{6}{12}$
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c) $\frac{2}{5} =$

$\frac{8}{20}$	$\frac{7}{10}$	$\frac{4}{15}$
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Reducing fractions

Reduce these fractions to their lowest terms.

a) $\frac{2}{14} = \text{---}$

b) $\frac{25}{100} = \text{---}$

c) $\frac{5}{15} = \text{---}$

d) $\frac{6}{24} = \text{---}$

e) $\frac{11}{33} = \text{---}$

Improper fractions and mixed number fractions

Convert these mixed numerals to improper fractions.

a) $6\frac{2}{3} = \text{---}$

b) $3\frac{5}{7} = \text{---}$

c) $7\frac{9}{10} = \text{---}$

d) $4\frac{5}{8} = \text{---}$

e) $8\frac{1}{11} = \text{---}$

Convert these improper fractions to mixed numerals.

a) $\frac{21}{6} = \text{---}$

b) $\frac{19}{4} = \text{---}$

c) $\frac{58}{11} = \text{---}$

d) $\frac{45}{2} = \text{---}$

e) $\frac{34}{3} = \text{---}$

ANSWERS

Equivalent fractions

Circle the fraction in the box which is equivalent to the fraction in the question.

a) $\frac{3}{9} =$ $\frac{3}{12}$ $\frac{1}{6}$ $\frac{1}{3}$

b) $\frac{3}{4} =$ $\frac{9}{16}$ $\frac{6}{8}$ $\frac{6}{12}$

c) $\frac{2}{5} =$ $\frac{8}{20}$ $\frac{7}{10}$ $\frac{4}{15}$

Reducing fractions

Reduce these fractions to their lowest terms.

a) $\frac{2}{14} = \frac{\mathbf{1}}{\mathbf{7}}$

b) $\frac{25}{100} = \frac{\mathbf{1}}{\mathbf{4}}$

c) $\frac{5}{15} = \frac{\mathbf{1}}{\mathbf{3}}$

d) $\frac{6}{24} = \frac{\mathbf{1}}{\mathbf{4}}$

e) $\frac{11}{33} = \frac{\mathbf{1}}{\mathbf{3}}$

Improper fractions and mixed number fractions

Convert these mixed numerals to improper fractions.

a) $6\frac{2}{3} = \frac{20}{3}$

b) $3\frac{5}{7} = \frac{26}{7}$

c) $7\frac{9}{10} = \frac{79}{10}$

d) $4\frac{5}{8} = \frac{37}{8}$

e) $8\frac{1}{11} = \frac{89}{11}$

Convert these improper fractions to mixed numerals.

a) $\frac{21}{6} = 3\frac{3}{6} = 3\frac{1}{2}$

b) $\frac{19}{4} = 4\frac{3}{4}$

c) $\frac{58}{11} = 5\frac{3}{11}$

d) $\frac{45}{2} = 22\frac{1}{2}$

e) $\frac{34}{3} = 11\frac{1}{3}$