



Printable assessments CAMI Mathematics: Grade 7

Fractions

1. Find the equivalent fraction of the following.

(a)

$$\frac{6}{30} = \frac{1}{\square}$$

(b)

$$\frac{8}{12} = \frac{2}{\square}$$

(c)

$$\frac{25}{30} = \frac{5}{\square}$$

(d)

$$\frac{1}{7} = \frac{\square}{\square}$$

(e)

$$\frac{15}{24} = \frac{5}{\square}$$

(f)

$$\frac{1}{16} = \frac{\square}{64}$$

(g)

$$\frac{10}{\square} = \frac{30}{51}$$

2. Write the following mixed numbers as improper fractions.

(a)

$$11\frac{10}{13}$$

(b)

$$15\frac{3}{4}$$

(c)

$$7\frac{1}{2}$$

(d)

$$6\frac{2}{3}$$

(e)

$$12\frac{5}{7}$$

3. Write the following improper fractions as mixed numbers.

(a)

$$\frac{94}{9}$$

(b)

$$\frac{28}{5}$$

(c)

$$\frac{22}{3}$$

(d)

$$\frac{35}{6}$$

(e)

$$\frac{105}{13}$$



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MEMO

1. Equivalent fractions [2.1.4.4 ; 2.1.4.7 ; 2.1.4.8 ; 2.1.4.9]

a)

$$\frac{6}{30} = \frac{1}{5}$$

(b)

$$\frac{8}{12} = \frac{2}{3}$$

(c)

$$\frac{25}{30} = \frac{5}{6}$$

(d)

$$\frac{1}{7} = \frac{3}{21}$$

(e)

$$\frac{15}{24} = \frac{5}{8}$$

(f)

$$\frac{1}{16} = \frac{4}{64}$$

(g)

$$\frac{10}{17} = \frac{30}{51}$$

2. Mixed numbers to improper fractions. [2.1.5.3]

(a) $11\frac{10}{13} = \frac{153}{13}$

(b) $15\frac{3}{4} = \frac{63}{4}$

(c) $7\frac{1}{2} = \frac{15}{2}$

(d) $6\frac{2}{3} = \frac{20}{3}$

(e) $12\frac{5}{7} = \frac{89}{7}$

3. Improper fractions to mixed numbers. [2.1.5.6]

(a) $\frac{94}{9} = 10\frac{4}{9}$

(b) $\frac{28}{5} = 5\frac{3}{5}$

(c) $\frac{22}{3} = 7\frac{1}{3}$

(d) $\frac{35}{6} = 5\frac{5}{6}$

(e) $\frac{105}{13} = 8\frac{1}{13}$