

Quiz: Fraction

Section: Fraction Sub-section: Fraction

Choose the correct answer.

1. Convert $\frac{19}{8}$ to mixed number.

(Understand, MA 1.1 G.7/1)

A. $1\frac{1}{8}$

B. $1\frac{3}{8}$

C. $2\frac{1}{8}$

D. $2\frac{3}{8}$

Solution $2\frac{3}{8}$

$$\frac{19}{8} = 2\frac{3}{8}, \text{ because } 19 = 8 \times 2 + 3$$

2. Convert $\frac{22}{7}$ to mixed number.

(Understand, MA 1.1 G.7/1)

A. $2\frac{4}{7}$

B. $2\frac{6}{7}$

C. $3\frac{1}{7}$

D. $3\frac{2}{7}$

Solution $3\frac{1}{7}$

$$\frac{22}{7} = 3\frac{1}{7}, \text{ because } 22 = 7 \times 3 + 1$$

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3. Convert $\frac{112}{19}$ to mixed number.

(Understand, MA 1.1 G.7/1)

A. $5\frac{12}{19}$

B. $5\frac{17}{19}$

C. $6\frac{2}{19}$

D. $6\frac{8}{19}$

Solution $5\frac{17}{19}$

$$\frac{112}{19} = 5\frac{17}{19}, \text{ because } 112 = 19 \times 5 + 17$$

4. Convert $\frac{105}{13}$ to mixed number.

(Understand, MA 1.1 G.7/1)

A. $7\frac{8}{13}$

B. $7\frac{12}{13}$

C. $8\frac{1}{13}$

D. $8\frac{3}{13}$

Solution $8\frac{1}{13}$

$$\frac{105}{13} = 8\frac{1}{13}, \text{ because } 105 = 13 \times 8 + 1$$

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5. Convert $4\frac{2}{3}$ to improper fraction.

(Understand, MA 1.1 G.7/1)

A. $\frac{10}{3}$

B. $\frac{12}{3}$

C. $\frac{13}{3}$

D. $\frac{14}{3}$

Solution $\frac{14}{3}$

$$4\frac{2}{3} = \frac{14}{3}, \text{ because } 3 \times 4 + 2 = 14$$

6. Covert $3\frac{4}{5}$ to improper fraction.

(Understand, MA 1.1 G.7/1)

A. $\frac{14}{5}$

B. $\frac{15}{5}$

C. $\frac{19}{5}$

D. $\frac{23}{5}$

Solution $\frac{19}{5}$

$$3\frac{4}{5} = \frac{19}{5}, \text{ because } 5 \times 3 + 4 = 19$$