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 $2\frac{3}{8}$

   $\frac{19}{8} = 2\frac{3}{8}$, 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 $3\frac{1}{7}$

   $\frac{22}{7} = 3\frac{1}{7}$, 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 $5\frac{17}{19}$

   $\frac{112}{19} = 5\frac{17}{19}$, 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 $8\frac{1}{13}$

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

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 $\frac{14}{3}$

   $4\frac{2}{3} = \frac{14}{3}$, 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 $\frac{19}{5}$

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