

Benchmark 3 (Homework 2)

Chapter 5 Assessment • Form A

Circle the letter of the best answer.

- Find the LCM of 24 and 32.
A. 8 B. 768 C. 384 D. 96
- Find the LCM of $14a^2b^3$ and $21ab^4$.
F. $294a^3b^7$ G. $42a^2b^4$ H. $21a^2b^4$ J. $42a^2b^3$
- Which fraction is less than $\frac{8}{15}$?
A. $\frac{2}{3}$ B. $\frac{2}{3}$ C. $\frac{7}{10}$ D. $\frac{5}{6}$
- Write $\frac{1}{16}$ as a decimal.
F. 0.0625 G. 0.625 H. 0.00625 J. 0.16
- Write 0.28 as a fraction.
A. $\frac{2}{8}$ B. $\frac{9}{23}$ C. $\frac{1}{4}$ D. $\frac{7}{23}$
- $\frac{2}{3} + \frac{7}{8} =$
F. $1\frac{5}{8}$ G. $1\frac{13}{24}$ H. $\frac{7}{10}$ J. $1\frac{1}{2}$
- $3\frac{3}{5} - 4\frac{1}{2} =$
A. $1\frac{1}{10}$ B. $\frac{9}{10}$ C. $-\frac{9}{10}$ D. $-1\frac{1}{10}$
- $3\frac{1}{3} \cdot \frac{4}{5} =$
F. $\frac{4}{5}$ G. $3\frac{4}{15}$ H. $2\frac{2}{3}$ J. $4\frac{1}{6}$
- $-\frac{3}{7} + \frac{5}{14} =$
A. $\frac{15}{98}$ B. $-\frac{15}{98}$ C. $1\frac{1}{3}$ D. $-1\frac{1}{3}$

Benchmark 3 (Homework 2)

Chapter 6 Assessment • Form A

Circle the letter of the best answer.

- Write the ratio of 270 mi in 5 h as a unit rate.
A. 54 mi/h B. 52 mi/h C. 56 mi/h D. 1,350 mi/h
- Two cases of cans weigh 32 lb. How much do 7 cases weigh?
F. 23 lb G. 112 lb H. 102 lb J. 224 lb

Suppose you select a marble at random from a jar containing 3 green, 2 red, and 5 blue marbles. Find each probability.

- selecting a green marble
A. $\frac{3}{7}$ B. $\frac{4}{7}$ C. $\frac{1}{3}$ D. $\frac{3}{10}$
- not selecting a red marble
F. $\frac{1}{4}$ G. $\frac{4}{7}$ H. $\frac{4}{5}$ J. $\frac{1}{3}$
- Write 0.065 as a percent.
A. 6.5% B. 65% C. 0.65% D. 0.00065%
- Write $\frac{37}{50}$ as a percent.
F. 37% G. 74% H. 64% J. 50%
- What percent of 20 is 13?
A. 52% B. 65% C. 153.8% D. 13%
- Find 12.5% of 80.
F. 100 G. 1,000 H. 10 J. 640
- Find the percent of change from 65 to 143.
A. 78% B. 120% C. 54.5% D. 83.3%
- Find the percent of change from 60 to 42.
F. 3% G. 70% H. 27.5% J. 30%