

Name: LOZDate: 10-12-20**2**

Whole Number Multiplication and Division - Study Guide

Multiple Choice

Fill in the circle next to the correct answer.

1. Multiply 65 by 80.

(A) 520 (B) 5,200 (C) 52,000 (D) 52

2. Which of these is a reasonable answer for $3,652 \times 39$?

(A) 86,428 (B) 183,428 (C) 142,428 (D) 242,428

3. Which of these will result in the answer 23?

(A) $23,000 \div 10$ (B) $23,000 \div 100$
(C) $2,300 \div 100$ (D) $230,000 \div 1,000$

4. Divide 4,825 by 23.

(A) 29 R 18 (B) 117 R 1 (C) 203 R 25 (D) 209 R 18

5. Evaluate $(45 - 21) \div 8 + 2$.

(A) 5 (B) 7 (C) 8 (D) 12

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Short Answer

Multiply. Show your work.

6. $2,356 \times 700$

$$\begin{array}{r} 2\ 3\ 5\ 6 \\ \times 7\ 0\ 0 \\ \hline 1,649,200 \end{array}$$

7. $8,093 \times 56$

$$\begin{array}{r} 8\ 0\ 9\ 3 \\ \times 5\ 6 \\ \hline 48,558 \\ + 404,650 \\ \hline 453,208 \end{array}$$

Solve. Show your work.

8. A rectangular wall measures 1,620 centimeters by 68 centimeters. Estimate the area of the wall.

$$1,620 \times 68 = 110,160$$

The area of the wall is 100,000

8. Estimate the quotient

$$6,400 \div 8 = 800$$

$$\begin{array}{r} 800 \\ 8 \overline{) 6,400} \\ \underline{64} \\ 000 \end{array}$$

the quotient is 800.

9. What is the quotient when 24,000 is divided by 600?

$$\begin{array}{r} 40 \\ 600 \overline{) 24,000} \\ \underline{24,000} \\ 0000 \end{array}$$

the quotient is 40.