

Multiplying Whole Numbers 3

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Use the distributive property to rewrite the expression.

1) $10(16 + 22)$ A) $10 \cdot 16 + 22$ B) $10 \cdot 38$ C) $10 + 16 + 22$ D) $10 \cdot 16 + 10 \cdot 22$ 1) _____

2) $11(10 + 8)$ A) $11 \cdot 10 + 8$ B) $11 + 10 + 8$ C) $11 \cdot 10 + 11 \cdot 8$ D) $11 \cdot 10 \cdot 8$ 2) _____

Multiply.

3) 955×618 A) 590,200 B) 590,290 C) 590,180 D) 590,190 3) _____

4) $3 \cdot 8 \cdot 0$ A) 0 B) 11 C) 24 D) 380 4) _____

5) $23 \cdot 1$ A) 0 B) 1 C) 23 D) 231 5) _____

6)
$$\begin{array}{r} 360 \\ \times 822 \\ \hline \end{array}$$
 A) 295,920 B) 296,020 C) 295,910 D) 295,930 6) _____

7) $1 \cdot 17$ A) 117 B) 17 C) 0 D) 1 7) _____

8) $0 \cdot 29$ A) 1 B) 0 C) 29 D) $\frac{1}{29}$ 8) _____

9) 6103×9 A) 54,927 B) 54,827 C) 54,937 D) 55,027 9) _____

10) $77 \cdot 0$ A) 1 B) 0 C) 770 D) 77 10) _____

11) 207×4 A) 728 B) 838 C) 928 D) 828 11) _____

Solve.

12) A rectangular plot of land measure 50 feet by 110 feet. Find its area. 12) _____
A) 160 sq ft B) 550 sq ft C) 320 sq ft D) 5500 sq ft

13) The floor plan of a building is a rectangle which measures 104 meters by 26 meters. Find the floor area of the building. 13) _____
A) 2704 sq m B) 2694 sq m C) 2714 sq m D) 260 sq m

Multiplying Whole Numbers 3

- 14) There are 104 puppies in a room, with an assortment of black and white ears and paws. 22 have totally black ears and 3 white paws, 30 puppies have 1 black ear and 2 white paws, and 52 have no black ears and 1 white paw. How many black paws are in the room? 14) _____
A) 181 B) 237 C) 238 D) 178
- 15) A spreadsheet is a rectangular array containing 30 rows and 15 entries in each row. How many entries does the spreadsheet contain? 15) _____
A) 420 entries B) 4500 entries C) 450 entries D) 13,500 entries
- 16) A mural on the wall of a building is a rectangle which measures 676 in. by 110 in. Find the area of the mural. 16) _____
A) 7436 sq in. B) 74,360 sq in. C) 743,600 sq in. D) 67,600 sq in.
- 17) An apartment complex has 5 apartment buildings. Each building has 6 floors with 9 apartments per floor. Find how many apartments are in this complex. 17) _____
A) 20 apartments B) 270 apartments C) 280 apartments D) 260 apartments
- 18) Find 9 times 6537. 18) _____
A) 58,733 B) 58,833 C) 58,933 D) 58,843
- 19) The textbook for a history class costs \$43. There are 33 students in the class. Find the total cost of the history books for the class. 19) _____
A) \$1386 B) \$1419 C) \$1376 D) \$76

Answer Key

Testname: 1.6 MULTIPLYING WHOLE N 3

- 1) D
- 2) C
- 3) D
- 4) A
- 5) C
- 6) A
- 7) B
- 8) B
- 9) A
- 10) B
- 11) D
- 12) D
- 13) A
- 14) C
- 15) C
- 16) B
- 17) B
- 18) B
- 19) B