



Grade 6 Number Operations Unit Test

Name _____ Date _____ Score _____ / 20

Part A • Multiplication

01
$$\begin{array}{r} 28 \\ \times 24 \\ \hline \end{array}$$

02
$$\begin{array}{r} 44 \\ \times 96 \\ \hline \end{array}$$

03
$$\begin{array}{r} 38 \\ \times 19 \\ \hline \end{array}$$

04
$$\begin{array}{r} 55 \\ \times 27 \\ \hline \end{array}$$

Part B • Division

05 $146 \div 6 = \underline{\hspace{2cm}}$

06 $463 \div 15 = \underline{\hspace{2cm}}$

07 72 stickers are shared equally among 4 friends. How many does each friend get?

Answer: _____

08 435 students are going on a trip. Each bus holds 48 students. How many buses are needed?

Answer: _____



Grade 6 Number Operations Unit Test

Part C · Order of Operations

09 $9 \times 4 + 4 =$ _____

10 $10 \times 9 + 8 =$ _____

11 $8 \times 5 \times 3 =$ _____

12 $6 \times 4 + 9 =$ _____

Part D · Integers

13 $-10 \circ -3$ _____

14 $14 \circ 18$ _____

15 $-6 \circ 11$ _____

16 $-19 \circ -4$ _____

Part E · Absolute Value

17 $|x - 8| = 3$ _____

18 $|x - 2| = 11$ _____

19 $|x + 10| = 2$ _____

20 $|x - 5| = 4$ _____



Grade 6 Number Operations Unit Test (Answer Key)

Part A • Multiplication

$$\begin{array}{r} 01 \quad 28 \\ \times 24 \\ \hline 672 \end{array}$$

$$\begin{array}{r} 02 \quad 44 \\ \times 96 \\ \hline 4224 \end{array}$$

$$\begin{array}{r} 03 \quad 38 \\ \times 19 \\ \hline 722 \end{array}$$

$$\begin{array}{r} 04 \quad 55 \\ \times 27 \\ \hline 1485 \end{array}$$

Part B • Division

$$05 \quad 146 \div 6 = 24 \text{ R } 2$$

$$06 \quad 463 \div 15 = 30 \text{ R } 13$$

07 72 stickers are shared equally among 4 friends. How many does each friend get?

18 stickers

08 435 students are going on a trip. Each bus holds 48 students. How many buses are needed?

10 buses

Part C • Order of Operations

$$09 \quad 9 \times 4 + 4 = 40$$

$$10 \quad 10 \times 9 + 8 = 98$$

$$11 \quad 8 \times 5 \times 3 = 120$$

$$12 \quad 6 \times 4 + 9 = 33$$



Grade 6 Number Operations Unit Test (Answer Key)

Part D · Integers

$$13 \quad -10 \circ -3 <$$

$$14 \quad 14 \circ 18 <$$

$$15 \quad -6 \circ 11 <$$

$$16 \quad -19 \circ -4 <$$

Part E · Absolute Value

$$17 \quad |x - 8| = 3 \quad x = 11 \text{ or } x = 5$$

$$18 \quad |x - 2| = 11 \quad x = 13 \text{ or } x = -9$$

$$19 \quad |x + 10| = 2 \quad x = -8 \text{ or } x = -12$$

$$20 \quad |x - 5| = 4 \quad x = 9 \text{ or } x = 1$$