MULTIPLYING AND DIVIDING INTEGERS

Compute.

1. \(-5 \times 7\)  
   \(-35\)

2. \(18 \div (-6)\)  
   \(-3\)

3. \(14 \times (-2)\)  
   \(-28\)

4. \(-5 \times (-11)\)  
   \(55\)

5. \(\frac{-15}{3}\)  
   \(-5\)

6. \(7(-4)\)  
   \(-28\)

7. \(-42 \div (-3)\)  
   \(14\)

8. \(\frac{36}{-12}\)  
   \(-3\)

9. \(40 \div (-5)\)  
   \(-8\)

10. \(-9(8)\)  
    \(-72\)

11. \((-8)(-3)\)  
    \(24\)

12. \(\frac{-24}{-3}\)  
    \(8\)

13. \(-30 \times (-4)\)  
    \(120\)

14. \(-48 \div 16\)  
    \(-3\)

15. \(15(-4)\)  
    \(-60\)

16. \(24 \div (-8)\)  
    \(-3\)

17. \(-90 \div (-5)\)  
    \(18\)

18. \(\frac{-40}{-20}\)  
    \(2\)

19. \(-12 \times -3\)  
    \(36\)

20. \((-9)(5)\)  
    \(-45\)

21. \(14 \times -7\)  
    \(-98\)

22. \(-5(-12)\)  
    \(60\)

23. \(-\frac{64}{16}\)  
    \(-4\)

24. \(\frac{64}{-16}\)  
    \(-4\)

25. \(15 \times (-5)\)  
    \(-75\)

26. \((-3)(-12)\)  
    \(36\)

27. \(\frac{-18}{-9}\)  
    \(2\)

28. \(12(-4)\)  
    \(-48\)

29. \((-5) \times (-13)\)  
    \(65\)

30. \(-65 \div 5\)  
    \(-13\)
MIXED INTEGER PRACTICE

Compute.

1. $-9 + 13$
   4

2. $(-7)(-5)$
   35

3. $18 - (-6)$
   24

4. $-3 + (+7)$
   4

5. $-9 - 18$
   -27

6. $\frac{-30}{-3}$
   10

7. $8(-7)$
   -56

8. $-18 + (-13)$
   -31

9. $-9 \times (-5)$
   45

10. $-19 + 11$
    -8

11. $6 - (-15)$
    21

12. $-54 \div (-6)$
    9

13. $| -8 | + (+3)$
    $\frac{8 + 3}{11}$

14. $-19 + (-7)$
    -26

15. $\frac{40}{-8}$
    -5

16. $| -5 | - |-9 |$
    $\frac{5 - 9}{-4}$

17. $-19 \times | -3 |$
    -57

18. $-10 + (+31)$
    21

19. $7 + (-11)$
    -4

20. $\frac{72}{-18}$
    -4

21. $-14 + (+11)$
    -3

22. $-9 + 18$
    9

23. $14(-7)$
    -98

24. $-12 + (-9)$
    -21

25. $-46 \div (-2)$
    23

26. $8 + (-22)$
    -14

27. $-45 \div 9$
    -5

28. $-9 + (-3)$
    -12

29. $-9(-4)$
    36

30. $-12 - 19$
    -31
CUMULATIVE REVIEW

Evaluate.

1. \(-5 \times (-7) \quad +35\)
   \[\text{Result: 35}\]

2. \(18 + (-32) \quad -14\)
   \[\text{Result: -14}\]

3. \(7 - (-15) \quad 22\)
   \[\text{Result: 22}\]

4. \(18 \div (-6) \quad -3\)
   \[\text{Result: -3}\]

5. \(|-9| + 7| \quad 16\)
   \[\text{Result: 16}\]

6. \(-8 - 9 \quad -17\)
   \[\text{Result: -17}\]

7. \((-3)(5) \quad -15\)
   \[\text{Result: -15}\]

8. \(|-7| - |-3| \quad -7 - 3 = -10\)
   \[\text{Result: -10}\]

9. \(8 - 14 \quad -6\)
   \[\text{Result: -6}\]

10. \(-\frac{45}{9} \quad \frac{45}{5}\)
    \[\text{Result: 9}\]

11. \(-17 + (-5) \quad -22\)
    \[\text{Result: -22}\]

12. \((-11)(-9) \quad 99\)
    \[\text{Result: 99}\]

13. \(-|-4| - |-8| \quad -4 - 8 = -12\)
    \[\text{Result: -12}\]

14. \(|-19| + |-5| \quad 24\)
    \[\text{Result: 24}\]

15. \(-18 \div 3 \quad -6\)
    \[\text{Result: -6}\]

16. \((-19) + 15 \quad -4\)
    \[\text{Result: -4}\]

17. \(|-7| + |-5| \quad 12\)
    \[\text{Result: 12}\]

18. \((15)(-4) \quad -60\)
    \[\text{Result: -60}\]

19. \(6 + (+16) \quad 22\)
    \[\text{Result: 22}\]

20. \(-44 \div 11 \quad -4\)
    \[\text{Result: -4}\]

21. \(-9 + (+8) \quad -1\)
    \[\text{Result: -1}\]

22. \(19 + (-17) \quad 2\)
    \[\text{Result: 2}\]

23. \((-17)(-9) \quad 153\)
    \[\text{Result: 153}\]

24. \(-15 + (+8) \quad -7\)
    \[\text{Result: -7}\]

25. \(3^2 + (2^3)(9 - 12) \quad 9 + 8(9-12) \quad 9 + 8(-3) \quad 9 + (-24) = -15\)
    \[\text{Result: -15}\]

26. \(40 \div (-3 - 7) + 9 \quad 40 \div -10 + 9 \quad -4 + 9 \quad \frac{5}{5}\)
    \[\text{Result: 5}\]
27.

\[
\begin{array}{ccc}
-6 & & \\
1 & & \\
-4 & -5 & \\
\end{array}
\]

28.

\[
\begin{array}{ccc}
-1 & & \\
4 & & \\
5 & -6 & \\
\end{array}
\]

Solve.

29. Aristotle was born in 384 BC. Ron Howard was born in 1952 AD. How many years apart were they born?

\[
\begin{align*}
&1952 - (-384) \\
&1952 + 384 \\
&\frac{2336}{\text{years}} \text{ apart}
\end{align*}
\]

30. The Bolo Cavern outside of Vandalia is 421 ft below sea level. A little more than 75 miles away. Mt. Owens is 7295 feet above sea level. What is the difference in elevation between the Bolo Cavern and Mt. Owens?

\[
\begin{align*}
&\frac{1}{-421} \\
&\frac{7295}{421} \\
&\frac{7716}{\text{feet}}
\end{align*}
\]

\[
\begin{align*}
&7295 - (-421) \\
&7295 + 421
\end{align*}
\]