Integer Operations 1

1. -4 + 6 =
2. 3 + -8 =
3. -2 + -9 =
4. -1 + -3 =
5. -7 + 2 =

6. -4 - 6 =
7. 7 - 9 =
8. -3 - -1 =
9. -2 - -8 =
10. -6 - 2 =

11. -4 x 6 =
12. -6 x -3 =
13. 4 x -5 =
14. -7 x -1 =
15. -1 x -1 =

16. 16 ÷ -4 =
17. -30 ÷ 6 =
18. 32 ÷ -8 =
19. -5 ÷ -1 =
20. -12 ÷ 4 =

21. 6 + 2 x -3 =
22. (6 + 2) x -3 =
23. -24 ÷ -6 x -2 =
24. -24 ÷ (-6 x -2) =
25. (-8 + -2) ÷ (6 + -1) =

26. 6 + (-3) – (-2) + 4 =
27. 100 – [23 – (–16)] =
28. 35 – (23 – 56) =
29. 1 - 2 + 3 – 4 + 5 – 6 =
30. $\frac{-8 + (-12)}{-12 - (-2)} =$

Integer Operations 2

1. -3 + 4 =
2. -2 + -8 =
3. -1 + 9 =
4. -5 + -3 =
5. -2 + 2 =

6. -3 - 6 =
7. -5 - 9 =
8. -1 - -1 =
9. -6 - -8 =
10. -2 - 4 =

11. -4 x -6 =
12. 6 x -4 =
13. -3 x -5 =
14. -4 x -1 =
15. -1 x 0 =

16. -28 ÷ -4 =
17. 30 ÷ 5 =
18. -32 ÷ -2 =
19. -7 ÷ -1 =
20. -8 ÷ 4 =

21. 8 + 6 x -3 =
22. (8 + 6) x -3 =
23. -16 ÷ -2 x -4 =
24. -16 ÷ (-2 x -4) =
25. (-2 + -12) ÷ (-6 + -1) =

26. -5 + -3 – -4 + 5 =
27. 30 – (15 – -4) =
28. 24 – (14 – 21) =
29. 1 + -2 + -3 – 4 =
30. $-4 + \frac{-12}{-10 + 8} =$

Integers and Order of Operations 3

1. Evaluate each of the following expressions

a. $^{-}3+2\times{}^{-}4$ b. $(^{-}3+2)\times{}^{-}4$ c. $3+{}^{-}4\times{}^{-}2$ d. $5\times{}^{-}4+{}^{-}2$

e. $5\times(^{-}4+{}^{-}2)$ f. $^{-}5-{}^{-}4-{}^{-}2$ g. $^{-}5-(^{-}4-{}^{-}2)$ h. $\dfrac{^{-}3+5}{2}$

i. $\dfrac{^{-}6+{}^{-}9}{3}$ j. $\dfrac{^{-}6}{3}+{}^{-}9$ k. $^{-}6+\dfrac{^{-}9}{3}$ l. $^{-}6+\dfrac{2(5-{}^{-}9)}{^{-}4}$

2. Find the value of the missing number.

a. $4+\_\_\_=6$ b. $3+\_\_\_=2$ c. $-5+\_\_\_=3$ d. $\_\_\_+{}^{-}2=-1$

e. $4-\_\_\_=2$ f. $3-\_\_\_=5$ g. $\_\_\_-5=3$ h. $6-\_\_\_=10$

i. $\_\_\_-{}^{-}2={}^{-}4$ j. $5\times\_\_\_=10$ k. $4\times\_\_\_={}^{-}8$ l. $^{-}3\times\_\_\_=15$

m. $24\div\_\_\_=8$ n. $-24\div\_\_\_=-6$ o. $\_\_\_\div-4=9$ p. $\_\_\_\div-5=-4$

3. Find the value of the missing number.

a. $4\times2+\_\_\_=11$ b. $5\times\_\_\_+6=26$ c. $\dfrac{\_\_\_+5}{2}=8$ d. $\dfrac{7+5}{\_\_\_}=3$

e. $4\times(2+\_\_\_)=12$ f. $^{-}3\times2+\_\_\_=9$ g. $\_\_\_+{}^{-}6\times2={}^{-}15$ h. $^{-}3(^{-}6+\_\_\_)=15$

Integers and Order of Operations 3 - Answers

1. a. –11 b. 4 c. 11 d. –22 e. –30 f. 1 g. –3 h. 1 i. –5 j. –11 k. –9 l. –13

2. a. 2 b. –1 c. 8 d. 1 e. 2 f. –2 g. 8 h. –4 i. –6 j. 2 k. –2 l. –5
m. 3 n. 4 o. –36 p. 20

3. a. 3 b. 4 c. 11 d. 4 e. 1 f. 15 g. –3 h. 1