

It's not a good sign if you can read this....

1.1 Corrective Assingment - Algebra Basics

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Evaluate each using the values given.

1) $y - 4 - (-6 - x)$; use $x = -4$, and $y = -5$

2) $y + z^2 - 6$; use $y = -1$, and $z = -4$

3) $\frac{y^2 - z^2}{4}$; use $y = 5$, and $z = 3$

4) $\frac{5b(b - a)}{2}$; use $a = -3$, and $b = -1$

5) $(-3z)^3 + y$; use $y = -6$, and $z = -1$

6) $\frac{x}{5} - z + 5 - x$; use $x = 5$, and $z = 6$

Simplify each expression.

7) $-2x(-x + 2) - 8x$

8) $9p - 3(5 + 7p)$

9) $7n(1 - 7n) + 10n^2$

10) $-10(r - 2) - 10(-8r - 2)$

11) $-2(a + 7) - 6(5 + 5a)$

12) $-4x(5x - 1) - 3x(2x - 3)$

13) $16\left(\frac{3}{8}x - \frac{1}{4}y - \frac{5}{16}x - 2y\right)$

14) $12\left(\frac{1}{12}y - \frac{1}{4}x - \frac{3}{4}x - \frac{2}{3}y\right)$

15) $15\left(\frac{5}{3}x - \frac{1}{5}y - \frac{1}{5}y - \frac{7}{15}x\right)$

16) $18\left(\frac{1}{3}y + 3x - \frac{11}{18}x - \frac{1}{6}y\right)$

Answers to 1.1 Corrective Assingment - Algebra Basics

1) -7

5) 21

9) $7n - 39n^2$

13) $x - 36y$

2) 9

6) -5

10) $70r + 40$

14) $-12x - 7y$

3) 4

7) $2x^2 - 12x$

11) $-32a - 44$

15) $18x - 6y$

4) -5

8) $-12p - 15$

12) $-26x^2 + 13x$

16) $43x + 3y$