

Chapter 1 target 1 - evaluating expressions

Evaluate each using the values given.

1) $m + p - \frac{p^2}{4}$; use $m = 6$, and $p = 4$

2) $15(6 - y) + x$; use $x = 1$, and $y = 4$

3) $4z - (4 - x + x)$; use $x = 2$, and $z = 3$

4) $6 - \left(z - \frac{y - z}{6}\right)$; use $y = 4$, and $z = 4$

5) $\frac{m + 5}{2}(n + p)$; use $m = 5$, $n = 4$, and $p = 3$

6) $z + z - z + z + x$; use $x = 3$, and $z = 6$

7) $a + c + b + a - a$; use $a = 6$, $b = 1$, and $c = 2$

8) $p + q + (qp)^2$; use $p = 2$, and $q = 2$

9) $\frac{5}{5} + p - (6 - r)$; use $p = 3$, and $r = 3$

10) $z - \frac{4(x + y)}{4}$; use $x = 2$, $y = 3$, and $z = 6$

11) $k^2 - \left(5 + \frac{h}{3}\right)$; use $h = 3$, and $k = 4$

12) $z\left(\frac{z^2}{3} - x\right)$; use $x = 1$, and $z = 3$

13) $r - (q - 3) - \frac{r}{5}$; use $q = 4$, and $r = 5$

14) $4 - z + y + x + x$; use $x = 3$, $y = 5$, and $z = 3$

15) $6 + b + a + b^2$; use $a = 3$, and $b = 5$

16) $x - z^3(4 - y)$; use $x = 4$, $y = 4$, and $z = 3$

17) $p - \frac{p + n - p}{3}$; use $n = 3$, and $p = 4$

18) $\frac{r(p - q)^3}{6}$; use $p = 4$, $q = 1$, and $r = 4$

19) $3 + y - x + 2 - y$; use $x = 1$, and $y = 2$

20) $pm - q + 6^2$; use $m = 3$, $p = 5$, and $q = 3$