

## Practice 1-4

### Mixed Exercises

Simplify each expression.

- $-12 + (-16)$
- $5 + (-12)$
- $5 + (-13)$
- $|-32 - (-45)|$
- $|-18 + 7|$
- $182 - (-240)$
- $-6 - 9$
- $-7 + (-26)$
- $|9 - 12|$
- $|-4 - 8|$
- $|-13| + |9|$
- $|-11| - |-29|$

Evaluate each expression.

- $|b + 4|$  for  $b = -12$
- $a - b$  for  $a = 4$  and  $b = 15$
- $-x - y$  for  $x = -2$  and  $y = 5$
- $|m - n|$  for  $m = -6$  and  $n = -13$
- $-r - s$  for  $r = -7$  and  $s = -9$
- $-u + v$  for  $u = -2$  and  $v = -12$
- $|a - b|$  for  $a = -7$  and  $b = 14$
- $|13 - a + b|$  for  $a = 7$  and  $b = -15$
- $6 - m + n$  for  $m = 10$  and  $n = -2$
- $2 + x - y$  for  $x = 5$  and  $y = -3$
- $|g| - |h|$  for  $g = -11$  and  $h = -29$
- $-d + (-e) - 7$  for  $d = 8$  and  $e = -4$

Simplify each expression.

- $-3 + (-6) + 14$
- $-5 - 7$
- $-4.2 - (-6.8)$
- $|14| + |-19|$
- $-15 + (-29)$
- $-6 + 2$
- $2.83 - 3.82$
- $4 + (-8) + 15$
- $-6.3 + 8.2$
- $|-4.8 - (-7.2)|$
- $60 + (-125)$
- $|-9 + 4|$
- $|8 - 17|$
- $17 + (-13)$
- $6 - 14 - (-20)$
- $-2.62 + (-6.24)$
- $|4 + (-8) - 15|$
- $54 + (-72)$
- $28 - (-16)$
- $|-27| - |8|$
- $-13.9 - (-34.6)$

Evaluate each expression.

- $3 - b + c$  for  $b = -4$  and  $c = -8$
- $15 - m + n$  for  $m = -2$  and  $n = 40$
- $|x + y|$  for  $x = 12$  and  $y = -7$
- $a - b$  for  $a = 15.8$  and  $b = -27.4$
- $r - s$  for  $r = 120$  and  $s = -150$
- $|p - q + 5|$  for  $p = -2.5$  and  $q = 3.8$
- $-x + y$  for  $x = 4$  and  $y = -6$
- $|s - t|$  for  $s = 13$  and  $t = 19$
- $f - g$  for  $f = -0.84$  and  $g = -1.72$
- $x + y$  for  $x = 7$  and  $y = -18$
- $|k| - |-j|$  for  $j = -2.76$  and  $k = -9.28$
- $|c + 5| - |d|$  for  $c = -9$  and  $d = -11$