Name:

Date:

Expressions and Variables

Evaluate each using the values given.

1) $2n - 5m; use\ m = 7, n = 8$

2) $3x + 5y; use\ x = 2, y = -1$

3) $(3x - y) \div 5; use\ x = 10, y = 5$

4) $(q \div 6) + p; use\ q = 12, p = 5$

5) $2x - 8y + 5; use\ x = 5, y = -1$

6) $mn + 10 \div 2; use\ m = 2, n = 5$

7) $p - 3 + 3pq; use\ p = 5, q = -2$

8) $x(x + y); use\ x = 8, y = -3$

9) $(m + 6) \div 2n; use\ m = 6, n = 1$

10) $(2k + 9) \times z; use\ k = -1, z = 10$

11) $5 + x + y - 2; use\ x = 5, y = 7$

12) $xy + z + 6; use\ x = 2, y = -1, z = 6$

13) $(mn + 1) \div n; use\ m = 2, n = 3$

14) $m + n(n - m)5; use\ m = 2, n = -2$

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QUIZ ?

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Expressions and Variables

Name:

Date:

Answers

Evaluate each using the values given.

1) $2n - 5m; use\ m = 7, n = 8$
-19

2) $3x + 5y; use\ x = 2, y = -1$
1

3) $(3x - y) \div 5; use\ x = 10, y = 5$
5

4) $(q \div 6) + p; use\ q = 12, p = 5$
7

5) $2x - 8y + 5; use\ x = 5, y = -1$
23

6) $mn + 10 \div 2; use\ m = 2, n = 5$
10

7) $p - 3 + 3pq; use\ p = 5, q = -2$
11

8) $x(x + y); use\ x = 8, y = -3$
40

9) $(m + 6) \div 2n; use\ m = 6, n = 1$
6

10) $(2k + 9) \times z; use\ k = -1, z = 10$
70

11) $5 + x + y - 2; use\ x = 5, y = 7$
15

12) $xy + z + 6; use\ x = 2, y = -1, z = 6$
10

13) $(mn + 1) \div n; use\ m = 2, n = 3$
3.5

14) $m + n(n - m)5; use\ m = 2, n = -2$
42

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QUIZ ?

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