

Evaluating Variable Expressions

Date _____ Period _____

WK 2 Day 1 7th

Evaluate each using the values given.

1) $n^2 - m$; use $m = 7$, and $n = 8$

$$n^2 - m$$
$$(8)^2 - (7)$$
$$64 - 7 = 57$$

2) $8(x - y)$; use $x = 5$, and $y = 2$

3) $yx \div 2$; use $x = 7$, and $y = 2$

4) $m - n \div 4$; use $m = 5$, and $n = 8$

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

6) $z + x^3$; use $x = 1$, and $z = 19$

7) $y + yx$; use $x = 15$, and $y = 8$

8) $q \div 6 + p$; use $p = 10$, and $q = 12$

9) $x + 8 - y$; use $x = 20$, and $y = 17$

10) $15 - (m + p)$; use $m = 3$, and $p = 10$

11) $10 - x + y \div 2$; use $x = 5$, and $y = 2$

12) $p - 2 + qp$; use $p = 7$, and $q = 4$

13) $zy + 4y$; use $y = 5$, and $z = 2$

14) $b(a + b) + a$; use $a = 9$, and $b = 4$

15) $p^2 \div 4 - m$; use $m = 3$, and $p = 4$

16) $x(y \div 3)^2$; use $x = 4$, and $y = 9$

17) $4 + m + n - m$; use $m = 4$, and $n = 9$

18) $qp + q - p$; use $p = 7$, and $q = 3$

19) $mn \div 6 + 10$; use $m = 7$, and $n = 6$

20) $h + j(j - h)$; use $h = 2$, and $j = 6$

21) $(b - 1)^2 + a^2$; use $a = 6$, and $b = 1$

22) $y(x - (9 - 4y))$; use $x = 4$, and $y = 2$

23) $x - (x - (x - y^3))$; use $x = 9$, and $y = 1$

24) $j(h - 9)^3 + 2$; use $h = 9$, and $j = 8$

Name: _____

Score: _____

wk2

Day 2

Sheet 1

7th grade

Multiplying and Dividing Integers

Simplify.

1) $6 \times (-4) =$ _____

2) $(-105) \div 7 =$ _____

3) $117 \div 13 =$ _____

4) $(-2) \times (-10) =$ _____

5) $(-11) \times 5 =$ _____

6) $108 \div (-9) =$ _____

7) $(-154) \div (-14) =$ _____

8) $13 \times 12 =$ _____

9) $8 \times 3 =$ _____

10) $(-48) \div (-6) =$ _____

11) $(-40) \div 10 =$ _____

12) $4 \times (-15) =$ _____

13) $(-12) \times (-7) =$ _____

14) $35 \div 5 =$ _____

15) $90 \div (-15) =$ _____

16) $(-1) \times 1 =$ _____

Add/Subtracting Fractions and Mixed Numbers

Date _____ Period _____

WK2 Day 3 7th grade

Evaluate each expression.

1) $\frac{5}{4} - \frac{3}{4}$

2) $\frac{3}{2} - \frac{1}{2}$

3) $\frac{2}{5} + \frac{4}{5}$

4) $\frac{1}{3} - \frac{1}{3}$

5) $6 - \frac{1}{6}$

6) $\frac{1}{2} - \frac{1}{2}$

7) $\frac{1}{5} + \frac{1}{5}$

8) $\frac{7}{6} - \frac{5}{6}$

9) $\left(-\frac{4}{5}\right) - \frac{7}{8}$

10) $\frac{1}{3} - \left(-\frac{5}{3}\right)$

11) $\left(-\frac{1}{3}\right) + \frac{3}{8}$

12) $\left(-\frac{10}{7}\right) + \frac{1}{6}$

13) $\frac{9}{5} + \left(-\frac{4}{3}\right)$

14) $2 - \frac{13}{8}$

One-Step Equations With Integers

Date _____ Period _____

WK 2 Day 4-5
7th grade

Solve each equation.

1) $v - 10 = -9$

2) $v - 10 = -3$

3) $x - 3 = 4$

4) $\frac{x}{5} = 2$

5) $22 = -11k$

6) $-13m = -377$

7) $b - 7 = -1$

8) $-8 = p - 13$

9) $-40 = -5p$

10) $418 = -22a$

11) $\frac{a}{29} = 5$

12) $-2 = \frac{m}{16}$

13) $x - 11 = 16$

14) $-10 = x - 21$

15) $20 = \frac{n}{4}$

16) $n - 29 = -53$

17) $-19 = b - 6$

18) $-8 = -16 + n$

19) $-9 + x = -26$

20) $29 + n = 13$

21) $21 = \frac{x}{18}$

22) $k + 1 = -27$

23) $6 = m - 16$

24) $5 = v + 29$

25) $168 = -84n$

26) $41k = -2747$

27) $\frac{x}{15} = 11$

28) $-71 = \frac{x}{64}$