

Name: _____

Week of: _____

7th SPIRAL REVIEW

Evaluate.

$| -45 | = \underline{\quad}$ $| 60 | = \underline{\quad}$

Solve.

$-10 + (-15) = \underline{\quad}$ $-13 + 9 = \underline{\quad}$

$22 + (-14) + (-35) = \underline{\quad}$

$15 - (-12) - 20 = \underline{\quad}$

$-9 \cdot 8 = \underline{\quad}$ $\frac{18}{0} = \underline{\quad}$

$-7 \cdot (-5) \cdot (-4) = \underline{\quad}$

Solve.

$\frac{|xy|}{|-y|}$ when $x=10, y=-2, z=-5$

Write fractions as decimals and decimals as fractions.

$-\frac{3}{4} = \underline{\quad}$ $0.5 = \underline{\quad}$ $\frac{2}{3} = \underline{\quad}$

Order from least to greatest.

$-\frac{4}{5}, -2.7, 1.6, \frac{15}{10}, -2.25$

Solve.

$20.25 + (-15.711) = \underline{\quad}$

$-x + |y|$ when $x = \frac{1}{3}, y = -7$

$-6\frac{1}{3} + \frac{20}{3} = \underline{\quad}$ $2 + (-\frac{7}{2}) = \underline{\quad}$

$(-\frac{2}{3})^2 - \frac{3}{4}(2\frac{1}{3}) = \underline{\quad}$

Simplify.

$14 - 3z + 8 + z = \underline{\quad}$

$2.5x + 4.3x - 5 = \underline{\quad}$

Simplify.

$3(x+1) - 4 = \underline{\quad}$

$-2(g+4) + 7g = \underline{\quad}$

$(4n-2) + (2x+1) = \underline{\quad}$

$(4n-2) + 2(-5n+3) = \underline{\quad}$

Solve.

$p - 5 = -2$ $4\frac{2}{5} + k = -3\frac{2}{11}$

Solve.

$4 - 2y + 3y = -9$ $6(x-2) = -18$

Tell whether the value is a solution.

$\frac{w}{3} \geq w - 12; w = 15$

$7 - 2y > 3y + 13; y = -1$

Solve. Graph.

$-\frac{7}{8} \geq m - \frac{13}{8}$ $-0.5 \leq \frac{m}{10}$

$-4.2 \geq -0.7w$ $6y - 7 > 5$

Find the unit rate.

\$4.80 for 6 cans $\underline{\quad}$

297 words in 5.5 min $\underline{\quad}$

\$2.50 for 10 cookies $\underline{\quad}$

Are the ratios a proportion?

$\frac{1}{2}, \frac{5}{10}$ $\frac{4}{6}, \frac{18}{24}$

x	1	2	4	6
y	12	24	48	72

Write a proportion and solve.

Test worth 60pts; score 60%

Test worth 100pts; score 88%

Solve.

$\frac{2x}{5} = \frac{9}{15}$ $\frac{5}{2} = \frac{d-2}{4}$

Write the ratios as a fraction in simplest form.

75 to 100 $16 : 24$

18 red buttons; 12 blue buttons

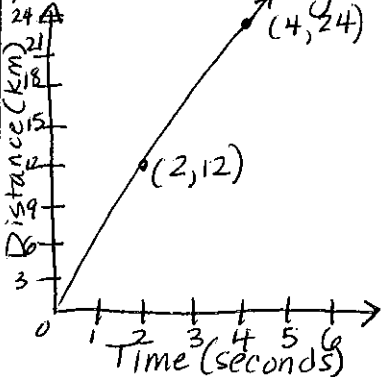
$\frac{5}{4}$ inches to $\frac{2}{3}$ inches

Tell whether x and y are a proportional relationship.

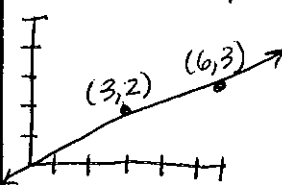
x	y
$\frac{1}{2}$	4
1	8
$\frac{3}{2}$	12
2	16

x	y
1	7
2	8
3	9
4	10

Interpret each plotted point on the graph.



Find the slope.



x	3	5	7	9
y	135	125	315	405