

Warm Up 58.3

J Allyn

Name _____

~ $4x + 3y = 12$

Solve for 'x' in terms of 'y' and
Solve for 'y' in terms of 'x'

~ Rained 36 inches in September. Rained 27 inches in December.
Percentage of decrease ?

~ James spent 23% of his income on clothes, 34% on housing, 20% on food, 6% on his car and its maintenance and 8% on entertainment. The most appropriate graph to show this data would be :

line graph pie chart bar graph

~ Edward drove 60 mph to his friend's house some 510 miles away. If he left his home at 4 am, when would he arrive at his friend's if he did not stop for rest ?

~ If $4x + 7 = 55$ then $(x/2) - 3 =$

~ A good whole number estimate for $\sqrt{83} - 4.962$ would be ?

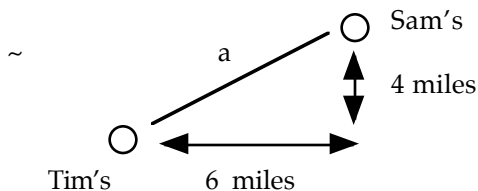
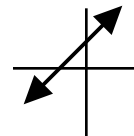
~ An isosceles right triangle with a leg of 6 cm has a hypotenuse of $6\sqrt{2}$ cm

~ A rectangle with a length of 8 cm and a width 6 cm has a diagonal of 10 cm.

~ The complement of a 60° angle is 120° .

~ In solving the inequality $-4x - 3 \geq 9$, Edward's answer was $x \geq -3$. What mistake did he make ?

~ Thomas was given two points on this line.
He found the equation of the line to be $y = 3x - 5$.
Did he make a mistake ?



If Sam took route 'a' to Sam's, about how far would he walk ?

~ Estelle said the exact area of a circle with a diameter of 12 cm could be found by multiplying $36 \cdot 3.14$. Was she correct ?

~ A good estimate for 48% of 31.056 would be 20.

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- ~ Triangles (Equilateral, Isosceles, Scalene)

- ~ Triangles (Acute , Obtuse, Right)

- ~ Quadrilaterals
 - Square Four 90° angles/congruent sides
 - Rhombus Congruent sides

 - Rectangle Four 90° angles/opposite sides congruent
 - Parallelogram Opposite sides parallel

 - Trapezoid Exactly one pair of parallel sides

- ~ Angles
 - Supplementary (180°) Complementary (90°)

 - Vertical angles