Sixth Grade Word Problems

606.1.8 A high school wants to change their PE uniforms. What is the best possible sample of students should be chosen to make the decision?

a. Survey only the junior class
b. Survey all girls
c. Survey all boys
d. Survey a random group of all grades and gender
e. None of the above

SPI 0606.2.1 When multiplying 7/8 and 2/3, what is the appropriate answer in simplest form?

a. 14/24
b. 7/12
c. 21/16
d. 9/11
e. None of the above

SPI 0606.2.2 A recipe calls for 1 ¼ pounds of sugar. Should you buy a 1 pound package of sugar or a 2 pound package of sugar?

SPI 0606.3.2 In the mathematical problem, 20/4 + 17 x (9-6), what operation should be performed first?

a. add
b. subtract
c. multiply
d. divide
e. parenthesis

SPI 0606.3.2 In the mathematical problem, 60/ (12+2) x 9, what operation is not performed at all?

a. add
b. subtract
c. multiply
d. divide
e. parenthesis

SPI 0606.3.4 What is another way to write the fraction 50/100?

a. ½
b. .5
c. 25/50
d. 5/10
e. All of the above

SPI 0606.3.9 In what quadrant would the ordered pair (-6, -2) be located?

a. Quadrant I
b. Quadrant II
c. Quadrant III
d. Quadrant IV
e. The Negative Quadrant

SPI 0606.3.9 If Joe walked three blocks right from point 2 and three blocks up to the library, what quadrant would he be traveling?

a. Quadrant I
b. Quadrant II
c. Quadrant III
d. Quadrant IV
e. Not enough information to form a conclusion

SPI 0606.3.9 (-4 ¾ , 4 ¾) would plot a point in what quadrant?

a. Quadrant I
b. Quadrant II
c. Quadrant III
d. Quadrant IV
e. Not enough information to form a conclusion

SPI 0606.4.4 Joden has a pizza that has a radius of 7.5 inches. What is the circumference of Joden's pizza?

a. 47.1 inches
b. 6.28 inches
c. 23.54 inches
d. 14 inches
e. None of the above

SPI 0606.4.1 Who am I? I am a polygon with all sides congruent, all angles are right and opposite sides are parallel? I am a(n)…

a. parallelogram

b. rhombus
c. square
d. rectangle
e. none of the above

SPI 0606.4.4 A three sided polygon that has no sides or no angles congruent.

a. Scalene triangle
b. Isosceles triangle
c. Equilateral triangle
d. Parallelogram
e. None of the above

SPI 0606.4.4 A three sided polygon with all sides congruent and all angles congruent.

a. Scalene triangle
b. Isosceles triangle
c. Equilateral triangle
d. Square
e. None of the above

SPI 0606.4.4 A three sided polygon with two congruent sides.

a. Scalene triangle
b. Isosceles triangle
c. Equilateral triangle
d. Square
e. Rhombus

SPI 0606.4.4 A polygon with opposite sides congruent, all angles are right and opposite sides are parallel. What is the best answer?

a. Square
b. Rectangle
c. Parallelogram
d. Rhombus
e. A and C

SPI 0606.4.4 A polygon with all sides congruent, opposite sides parallel and opposite angles congruent.

a. Square
b. Rectangle
c. Parallelogram

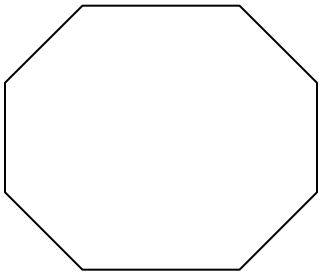
d. Rhombus
e. B and C

SPI 0606.4.2 In triangle ABC, angle A=30 degrees, B=30 degrees. What can we determine about triangle ABC?

a. Angle C = 30 degrees
b. Triangle ABC is equilateral
c. Angle C is an acute angle
d. All of the above
e. None of the above

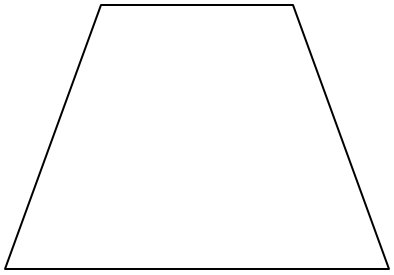
SPI 0606.4.2 The following figure is an example of what type of polygon?

a. quadrilateral
b. pentagon
c. hexagon
d. heptagon
e. octagon



SPI 0606.4.2 The following figure is an example of what type of polygon?

a. trapezoid
b. pentagon
c. hexagon
d. heptagon
e. octagon



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