ATI TEAS 7: Math Prep

Which of the following is the number of 3/4 inches stripes of caulk. it would take to complete a lenght of 10 1/2 inches?

{ANS} - 14

If the pediatric unit of a hospital has 165 beds, how many rooms are there if each room hold 3 beds?

{ANS} - 55

The width of a rectangle is 4 inches (in) and the area of the rectangle is 32 in square. Which of the following represents the length of the triangle

{ANS} - 8in

Which of the following fractional representations is equivalent to 0.897?

 {ANS} -897/1000

Which of following is the solution to the equation -9(k-17)=-54

{ANS} - -11

Which of the following correctly rounds the value below to the hundredths place? 1782.96471

{ANS} - 1,782.96

A consumer makes a $400 down payment on television that costs $1,570. Which of the following is the number of months it will take to pay off the television with monthly payments of 100?

{ANS} - 12

A class of 28 students has 13 boys and 15 girls. What is the ratio of boys to girls in the class

{ANS} - 15:13

Which of the following correctly represents the phrase "five less than a number is greater than twenty

{ANS} - 5-x>20

The ratio of the width to the length of a rectangle is 1:3. Which of the following represents a rectangle with an equivalent ratio?

{ANS} - 21:63

5/7 - 2/9 simplify the expression above. Which of the following is correct?

{ANS} -31/63

All of the 1,020 students at a local high school must enroll in a foreign language course. If 269 students are enrolled in French, 663 are enrolled in Spanish, and the remaining students are enrolled in german, which of the following is the percent of students enrolled in german?-Round to Nearest whole number

{ANS} – 65

An investor owns 50 shares of a stock worth $15.30 per share. Which of the following is the amount of money the investor would receive if he cashed half of the shares of this stock?

{ANS} - $765.00

Which of the following is a good estimate of the length of a standard bed pillow
{ANS} - 0.5m

(½)(10t)=50,000

{ANS} - 10,000

A glass that holds 0.5 liters (L) will hold how many milliliters (ml)

{ANS} - 500ml

A vertical 1-meter stick casts a shadow of 0.4 meters. if a tree casts a shadow of 12 meters at the same time, how tall is the tree?

{ANS} - 13.4 meters

Which of the following percentages is the discount of a textbook if the original price is $107.00 and the discount is $62.10? (round to the nearest whole percentage)

{ANS}
- 45%

(3/7),(⅖),(½),(⅓)Using the numbers above, which of the following numbers is the least?

{ANS} - 1/3

Which of the following correctly rounds the value below to the hundredths place?1782.96471

{ANS} - 1,782.96

Five hundred forty-eight runners participated in a recent race.twenty-six runners did not finish the race. Half of those who did not finish completed the race in less than two hours. Which of the following is the number of runners who completed the race in less than two hours?

{ANS} - 261

Which of the following options represents 27% of 54?

{ANS} - 14.58

A pudding recipe for 50 people calls for 4 cups of sugar. Each bag of sugar contains 6 cups. How many bags of sugar will be needed to make this recipe for 300 people?

{ANS} - 4 bags