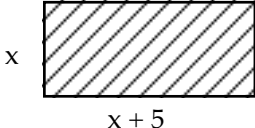


Quiz 3
Algebra I

Name _____ Period _____

Enough information to solve? If not, what other information do you need ?

- James purchased 5 chairs for \$ 60/ each. James has \$314.50 in his checking account. If there is a 15% delivery charge, does he have enough to pay for the chairs?

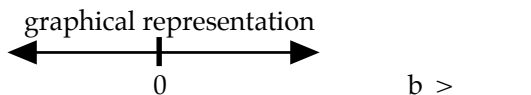
- 

An expression for the perimeter of this figure can be developed

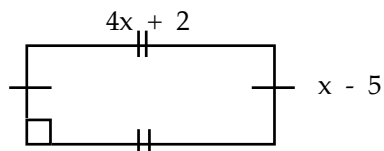
- The area of a square is 64. 5% of the length of the perimeter can be determined ?
- A tree grows at a rate of 4" / year. It was 12 feet high four years ago. How high will the tree be in 7 years ?
- A circular planter is 12 feet across the middle. How many feet of decorative board would be necessary to edge the driveway?
- Edward left his apartment at 6:45 am for the 15 minute trip to the store. He stopped for 2 hours then walked 15 minutes to his friend's for lunch. He spent 30 minutes eating then walked back to his place. At what time did he arrive?

Inequality

$$3b - 5 > 14$$



Equations



p = 44 Area = _____

What did you find out?

Square roots

$\sqrt{56}$ between $\sqrt{\quad}$ and $\sqrt{\quad}$ estimate _____

Fractions

$$4 \frac{3}{5} - 1 \frac{7}{8} = \underline{\hspace{2cm}} \quad 2 \frac{2}{3} + 3 \frac{1}{4} + \frac{7}{8} = \underline{\hspace{2cm}}$$

$$6 \frac{3}{4} \cdot 2 \frac{2}{7} = \underline{\hspace{2cm}} \quad 4 \frac{3}{4} \div 1 \frac{2}{3} = \underline{\hspace{2cm}}$$

Percents

Snow Thursday 15 inches Friday 24 inches % increase _____

Functions

Club charges \$50 to join and \$15 month dues - Express as an equation, graph and table - be sure to label the graph.