

Monday

1. Solve for x : $\frac{x}{-8} - 7 = -15$

2. Write a story for the following number sentence, then simplify: $-18 + 35$

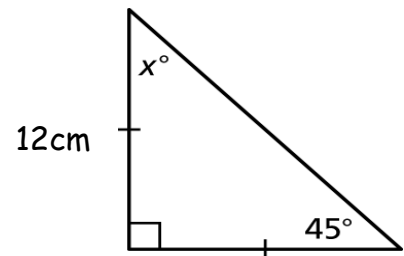
3. Fill in the blank: *The radius of a circle is _____ the diameter.*

4. Solve:

a. $-3(4x + 6) = 2x + 10$

b. $-(x - 12) = 2x - 21$

5. Find the area of the triangle:



6. Solve: $\frac{9}{6} = \frac{x}{10}$ Explain your reasoning on how you solved (look for a relationship first!).

Thursday

1. Write and solve an equation to answer the question:

You earn a 75% on a science test. You answered 21 questions correctly. How many questions were on the test?

2. Simplify: a) $-14 + 32$

b) $-16(-4)$

c) $18 - 23$

d) $\frac{-15}{-5}$

3. Fred is buying a bike for \$450, but at the register found out it was on sale for 25% off! What price did he pay for the bike?

If tax is 7.5%, what is the final cost of the bike?

4. Solve:

a. $-5(-3x - 1) = 10x + 12 + 5x$

b. $2x + 10 - 5x = 2(x + 6)$

5. What is the probability of rolling a factor of 6 on a number cube?

Friday

1. If every student at our school collected \$60, how much money would our school raise? There are 993 students enrolled at Los Cerritos. (reminder: Donations are due 9/28!!)

2. Use order of operations to simplify:

a) $\frac{29 - 55}{12 - 14}$

b) $-8(12 - 17) + (-32)$

c) $-12(5) \div 6 - (-8)$

3. Solve:

a. $3(4x + 7) = -6x + 45 + 10x$

b. $\frac{12}{48} = \frac{x}{2}$

4. A rectangle has a length of $5\frac{1}{2}$ feet and width of $3\frac{1}{4}$ feet. Draw a diagram then find the perimeter and area.