

Name: _____

Core: _____

Week of: 2/24/20 – 2/28/20

Week-By-Week

Calculator Inactive: Please show **ALL** your work and **circle** your final answer! Thanks!

1.) What is the value of
 $(6^2 + 2^3) - 48 \div 4^2 + 13$

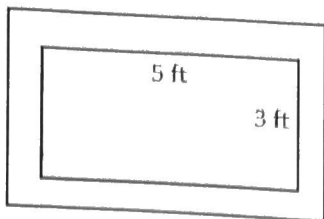
2.) Max had a job during his summer vacation. He earned \$10.75 per hour. He worked 25 hours per week for 9 weeks. How much money did Max earn?

3.) The area of Abby's room is $16\frac{7}{8}$ square yards. If her room is $4\frac{1}{2}$ yards long, what is its width?

4.) The ratio of green marbles to blue marbles is 5:3. If there are 80 marbles total, how many more green marbles are there than blue marbles?

Calculator Active: Please use a calculator, circle your final answer, and show any work necessary for you to be able to check your work.

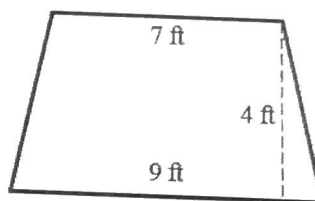
5.) A flower garden is 3 feet by 5 feet. The Middleton family wants to put a walkway that is 2 feet wide around the garden. What will the area of the walkway take up?



6.) The bricks they want to use for the walkway in Problem 5, cost \$3.29 per square foot, how much will the walkway cost?

7.) There are 4 adults for every 15 kids on the field trip. If there are 152 people on the trip, how many of them are adults?

8.) Find the area of the shape below.



9.) Combine like terms to simplify the expression below.
(Hint: remember to use the distributive property with parenthesis)

$$8 + 15r + 14b + 3(2r + 3b) + 6$$

10.) An airplane travels at a constant speed of 360 miles per hour. How far, in miles, will the airplane travel in 20 minutes?