

Name: _____

Core: _____

Week of: 12/2/19 - 12/6/19

Week-By-Week

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

1.) How much will it cost a family with 1 adult, 2 college students, and 3 children to purchase tickets?

Ticket Type	Price
Child	\$4.50
Adult	\$10.75
Senior Citizen	\$6.00
College Student	\$8.25

2.) If gas costs \$2.54 a gallon, how much would it cost to purchase 12.5 gallons of gas?

3.) During a Black Friday Sale, the manager of a Best Buy gave away gift cards to every 60th person who visited.

- On Friday, 1,210 people visited.
- On Saturday, 1,814 people visited.

How many people received a gift card?

4.) What is the value of

$$(16 - 12)^3 \div 8 \times 3^3 - 15 + 2^4?$$

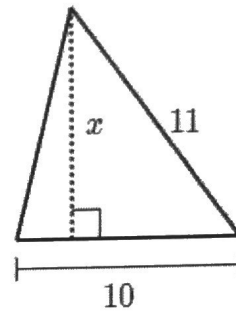
Calculator Active: Please use a calculator, circle your final answer, and show any work necessary for you to be able to check your work.

5.) A survey in school indicated that 80% of students in school prefer juice instead of milk for breakfast. If 920 students prefer juice how many students were surveyed?

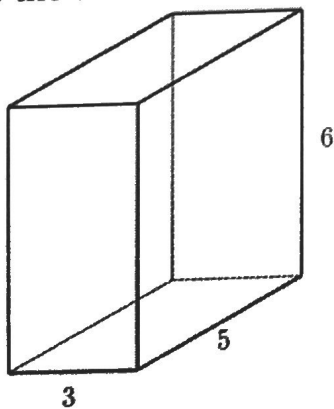
6.) Office Central sells a pack of two dozen pencils for \$6.96 or a pack of three dozen pencils for \$10.39. Which is a better buy? Explain or show your reasoning!

7.) There are 28 boys in the library checking out books. If there are a total of 40 students in the library what percent are girls?

8.) The triangle below has an area of 50 square inches, what is the height?



9.) What is the surface area of the figure below?



10.) An airplane travels at a constant speed of 280 miles per hour. How far, in miles, will the airplane travel in 15 minutes?