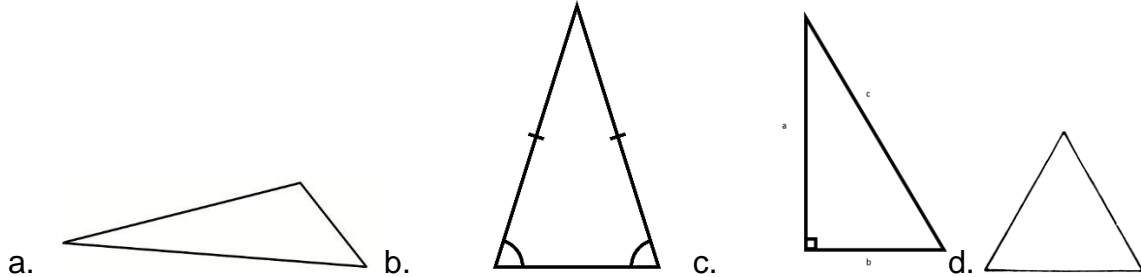


Homework 5/23 SOL Review

Directions: Complete each question.

- 1) Which of the following is a scalene triangle?



- 2) Which of the following statements is *not* true?

- a. All the vertices of a square are right angles
- b. A rhombus always contains two acute angles and two obtuse angles
- c. An isosceles triangle always contains two equal angles
- d. A triangle always contains at least one right angle

- 3) The Fortson family kept track of how many miles they drove each day for one week. *21 miles, 17 miles, 5 miles, 23 miles, 12 miles, 29 miles, 36 miles*

What is the range of the miles driven? _____

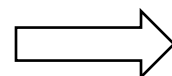
- 4) The number machine used the same rule each time to create an “out” number for each “in” number. If n is the “in” number, which expression could be the rule the machine used to find each “out” number?

- a. $n + 10$
- b. $n - 10$
- c. $n \times 10$
- d. $n \div 10$

IN number	OUT number
24	14
40	30
36	26
n	

- 5) Which decimal is equivalent to $\frac{6}{1000}$?

- a. 0.0006
- b. 0.006
- c. 0.06
- d. 0.6



6) A veterinarian places a dog in a 2-pound crate on a scale. The scale reads 37 pounds. The vet writes this equation to find the w , the weight of the dog. Which term describes w as it is used in this equation? $2 + w = 37$

- a. coefficient b. variable c. quotient d. open sentence

7) Latoya wants to know all the composite numbers between 1 and 10. Which set is correct?

- a. 1,2,3,5,7 b. 4, 6, 8, 9, 10 c. 4, 6, 8 d. 2, 4, 6, 8, 10

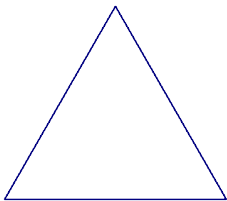
8) While on vacation, Ella buys 5 postcards to mail to her friends. The postcards cost the same amount. Ella spends a total of \$9.25. What is the cost of each postcard?

- a. \$1.95 b. \$2.35 c. \$1.85 d. \$2.75

9) Martha purchased 2 kilograms of potting soil to start her vegetable garden. What was the mass of the potting soil in grams?

- a. 20 grams b. 200 grams c. 2,000 grams d. 20,000 grams

10) How many acute angles does this triangle have?



- a. 0 b. 1 c. 2 d. 3