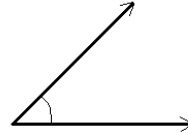


Homework 5/24 SOL Review

Directions: Complete each question.

- 1) Jeanie has a spinner that has colored sections that are all the same size. There are 2 green spaces, 2 red spaces, 1 yellow space, 1 blue space, 1 purple space, and 1 orange space. What is the probability that the arrow will point to a green on its next spin?
- a. $\frac{1}{8}$ b. $\frac{1}{4}$ c. $\frac{2}{1}$ d. $\frac{8}{2}$

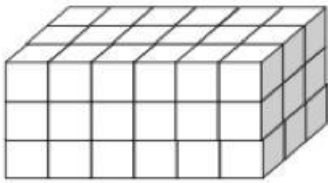


- 2) Which could be the measurement of this angle?
- a. 126 degrees b. 90 degrees c. 45 degrees d. 20 degrees
- 3) What is the quotient? $34.55 \div 25$
- a. 1.30 b. 1.382 c. 1.782 d. 13.82
- 4) What is the value of the expression, when $p = \frac{4}{12}$
- $p + \frac{1}{3}$
- a. 0 b. $\frac{1}{3}$ c. $\frac{2}{3}$ d. 1
- 5) What is the value of the expression? $\frac{12 - 4 + 2 \times 2}{2}$ **GEMDAS!!!!**
- a. 0 b. 2 c. 6 d. 10
- 6) Which pattern uses the rule “double the number”?
- a. 0.2, 0.4, 0.8, 1.6, 3.2
- b. 20, 15, 10, 5, 0
- c. 1, 3, 5, 7, 9, 11
- d. 5, 10, 30, 120, 600

7) Fred's basketball practice started at 2:35 pm. Fred will go over to his friend's house after practice, which ends at 5:45 pm. How long is Fred's basketball practice?

- a. 1 hour, 55 minutes
- b. 2 hours, 10 minutes
- c. 3 hours, 10 minutes
- d. 3 hours, 20 minutes

8) Bernard uses stacking cubes to build a rectangular prism. What is the volume of the rectangular prism?



- a. 56 units
- b. 54 units
- c. 12 units
- d. 18 units

9) Kenny uses a basketball with a diameter of 9 inches. What is the radius of the basketball?

- a. 3 inches
- b. 4 inches
- c. 4.5 inches
- d. 9 inches

10) Annette worked as a babysitter most of the day on Saturday. She worked for 7 hours and charged \$6 per hour. When she came home, she gave her sister some of the money she owed her. When Annette went up to her room and counted how much money she had left, she counted \$32. How much money did she give her sister?

- a. \$74
- b. \$19
- c. \$42
- d. \$10