

Name _____

6th

Choose the best answer.

1. Which metric unit would be used to measure the width of a television screen?

- a. centigram
- b. centimeter
- c. kilogram
- d. liter

6. The volume of a cube with an edge of 6 cm is equal to:

- a. 12 cm^3
- b. 18 cm^3
- c. 216 cm^3
- d. 36 cm^3

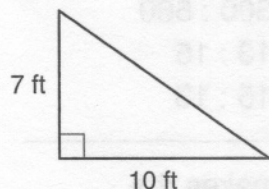
2. What is the prime factorization of 48?

- a. $2 \times 2 \times 2 \times 6$
- b. 6×8
- c. $2 \times 2 \times 2 \times 2 \times 3$
- d. 2×48

7. The total cost of 3 bottles of water is \$2.67. What is the total cost of 15 bottles?

- a. \$40.05
- b. \$13.20
- c. \$13.35
- d. \$12.95

3. Choose the area.



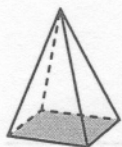
- a. 70 ft^2
- b. 35 ft^2
- c. 17 ft^2
- d. 40 ft^2

8. Add.

$$\begin{array}{r} 6 \text{ ft } 11 \text{ in.} \\ + 13 \text{ ft } 8 \text{ in.} \\ \hline \end{array}$$

- a. 20 ft 7 in.
- b. 20 ft 19 in.
- c. 19 ft 7 in.
- d. 21 ft 7 in.

4. How many faces does a rectangular pyramid have?



- a. 4
- b. 6
- c. 8
- d. not given

9. Which statement is true?

- a. $+4 \times -3 = +3 \times +2$
- b. $-6 - -1 = -1 - -6$
- c. $+7 + -12 = -4 + -1$
- d. $-5 \div -1 = +8 \div +8$

5. Pat started to clean at 10:30 A.M. and finished at 3:00 P.M. What is the total number of hours Pat spent cleaning?

- a. $4\frac{1}{2} \text{ h}$
- b. 4 h
- c. $5\frac{1}{2} \text{ h}$
- d. 5 h

10. One letter is chosen at random from the word SUCCESS. What is the probability that the letter is an S?

- a. $\frac{1}{2}$
- b. $\frac{3}{7}$
- c. $\frac{3}{4}$
- d. $\frac{2}{7}$

