

1. Which of these represents the same number as 4×4 ?

- A. 16^2 C. 44
 B. 4^2 D. 4

2. In 67.58, what place is the 5 in?

- A. tenths C. tens
 B. ones D. hundredths

3. What portion of the figure drawn here is shaded?



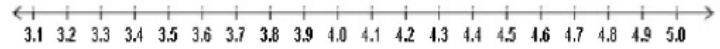
- A. $7/10$ C. $3/10$
 B. $7/3$ D. $3/7$

4. Which sign makes this a true statement?

0.75 _____ $\frac{3}{4}$

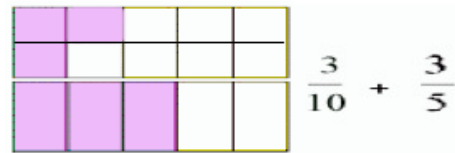
- A. $>$ C. $=$
 B. $<$ D. $\$$

5. Using the number line, which list of numbers is in the correct order from smallest to greatest ?



- A. 4.6, 3.7, 4.8, 4.9
 B. 3.3, 4.0, 4.6, 5.0
 C. 3.3, 3.7, 3.4, 3.9
 D. 5.0, 4.8, 4.6, 4.4

6. What is the sum of these fractions?



- A. $6/15$ C. $6/10$
 B. $9/10$ D. $9/15$

7. Angelina purchased 5 bags of marbles with 25 marbles in each bag. She then gave 17 marbles to her brother Ben. Which equation would you use to find out how many marbles Angelina has?

- A. $(25 \times 5) - 17 =$
 B. $5 \times (25 - 17) =$
 C. $(25 \times 17) - 5 =$
 D. $(25 \div 5) \times 17 =$

5th Grade Pre-Assessment

8. Rhett cut his birthday cake into 8 pieces. He took one, gave one to his sister, and gave one to his grandmother. After his mom and dad take one piece each, how much of the cake will be left?

- A. $\frac{5}{8}$ C. $\frac{7}{8}$
 B. $\frac{1}{8}$ D. $\frac{3}{8}$

9. Chloe had to feed her hamster 1.7 grams of oats, 1.25 grams of seeds, and 4.6 grams of lettuce each day. How many grams of food did she give the hamster each day?

- A. 7.55 grams C. 1.88 grams
 B. 18.8 grams D. 75.5 grams

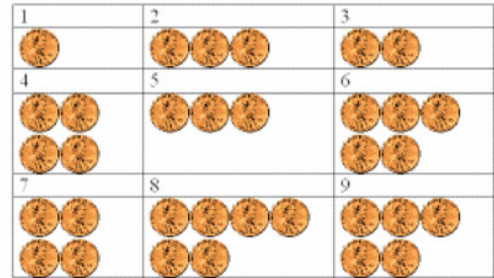
10. What is the rule for the following pattern?
 3, 6, 12, 24, 48...?

- A. multiply by 2 C. multiply by 3
 B. add 3 D. add 2

11. What number makes this equation correct?

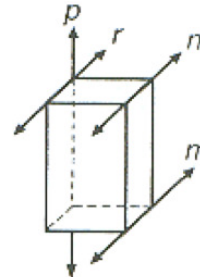
- $7 \times 4 = 6 + \square$
 A. 11 C. 22
 B. 28 D. 17

12. Cristal was making a pattern with pennies. She told Sokmonorum that if he could tell her the correct rule, she would give him the pennies. Which rule should Sokmonorum tell her?



- A. First add two pennies, then subtract one penny. Repeat.
 B. First add two pennies, then add one penny. Repeat.
 C. First add one penny, then subtract two pennies. Repeat.
 D. First add one penny, then add two pennies. Repeat.

13. Use the rectangular prism shown below to answer the question.

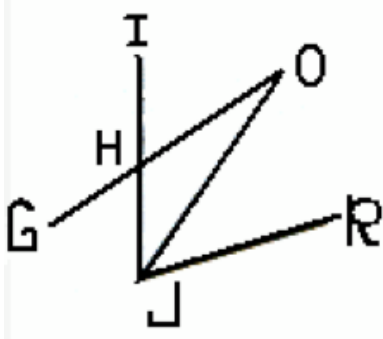


Which pair of lines intersect?

- A. lines p and n C. lines p and r
 B. lines p and m D. lines n and m

5th Grade Pre-Assessment

14. Which angle is obtuse in the diagram below?



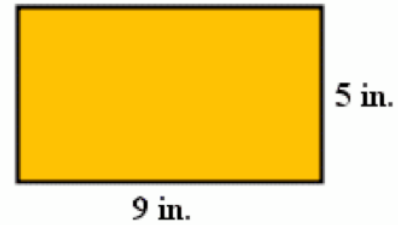
- A. $\angle HOJ$
- B. $\angle OHJ$
- C. $\angle HJR$
- D. $\angle GHJ$

15. Cedar City is closest to which coordinate?



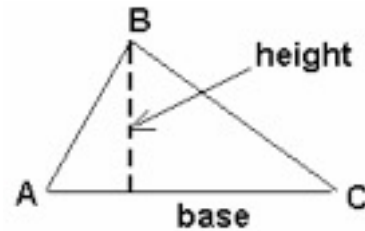
- A. 3E
- B. 3D
- C. 2E
- D. 2D

16. The area of this rectangle is 45 square inches. If the dimensions of this rectangle were doubled, what would be the area of the new rectangle? (Hint: $A=L \times W$)



- A. 90 square inches
- B. 180 square inches
- C. 45 square inches
- D. 135 square inches

17. Given the formula $A = 1/2bh$, what is the area of a triangle whose height is 9 meters and whose base is 12 meters?



- A. 21 square meters
- B. 27 square meters
- C. 54 square meters
- D. 108 square meters

5th Grade Pre-Assessment

ANSWERS

1. B
2. A
3. C
4. C
5. B
6. B
7. A
8. D
9. A
- 10.A
- 11.C
- 12.A
- 13.C
- 14.B
- 15.C
- 16.B
- 17.C
- 18.D
- 19.B
- 20.C
- 21.A
- 22.D
- 23.D
- 24.B
- 25.A
- 26.B
- 27.D
- 28.B
- 29.B
- 30.A
- 31.A
- 32.B
- 33.C
- 34.B
- 35.C
- 36.A