

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?



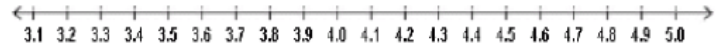
- A. $7/10$ C. $3/10$
 B. $7/3$ D. $3/7$

4. Which sign makes this a true statement?

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

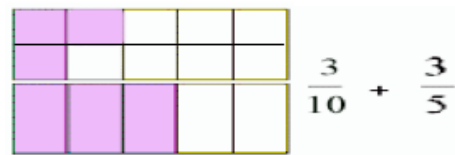
- A. $>$ C. $=$
 B. $<$ D. $\$$

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

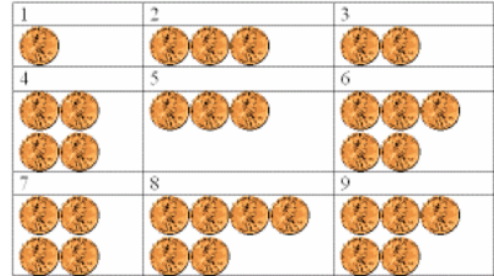
10. What is the rule for the following pattern?
 3, 6, 12, 24, 48...?

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

11. What number makes this equation correct?

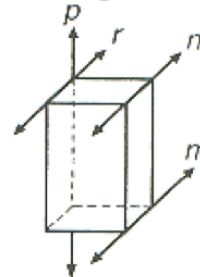
- $7 \times 4 = 6 + \square$
 A. 11 C. 22
 B. 28 D. 17

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.

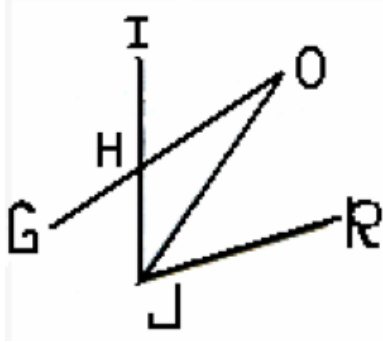


Which pair of lines intersect?

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

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14. Which angle is obtuse in the diagram below?



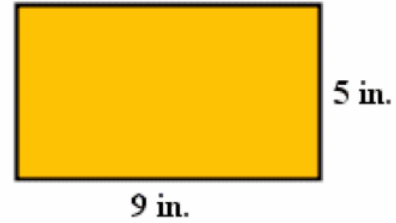
- A. $\angle HOJ$
- B. $\angle OHJ$
- C. $\angle HJR$
- D. $\angle GHJ$

15. Cedar City is closest to which coordinate?



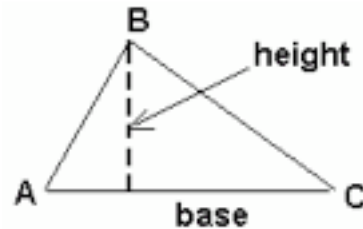
- A. 3E
- B. 3D
- C. 2E
- D. 2D

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

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18. There are one dozen donuts in the teacher's lounge. There are four glazed, four chocolate, and four sugar donuts in the box. What is the probability that Mrs. Ross will pull out a glazed donut?

- A. 1 in 4 C. 4 in 3
B. 3 in 4 D. 1 in 3

19. What is the expanded form of 653,401

- A. $600,000+50,000+400+1$
B. $600,000+50,000+3,000+400+1$
C. $600,000+50,000+300+41$
D. $600,000 + 3,000 + 400 + 1$

20. What is the numeral for two hundred sixty-one thousand, one hundred eighty four and seven tenths?

- A. 261,104.7 C. 261,184.7
B. 261,184.07 D. 260,184.0

21. Which of the following numbers is prime?

- A. 7 C. 1
B. 9 D. 0

22. What set of numbers includes only composite numbers?

- A. 5, 8, 7, 3 C. 5, 10, 15, 20
B. 4, 8, 12, 2 D. 10, 12, 15, 20

23. Which number is divisible by 6?

- A. 400 C. 135
B. 941 D. 264

24. Rachel and her 2 brothers made 2 dozen cookies. They gave 1 dozen to their friends and divided the remainder for themselves. Which number sentence can you use to find out how many cookies Rachel and her 2 brothers received?

- A. $(24 + 12) \div 4 =$
B. $(24 - 12) \div 3 =$
C. $(24 \div 3) - 12 =$
D. $(24 \times 3) - 12 =$

25. What is the value of 384×100 ?

- A. 38,400 C. 384,000
B. 308,040 D. 30,084

26. What is 589.5×10 ?

- A. 58,950 C. 589.5
B. 5,895 D. 58.95

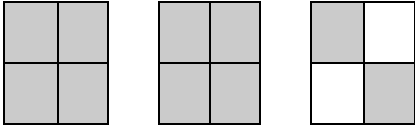
27. In simplest form, what fraction of the pizza *is gone*?



- A. $\frac{2}{5}$ C. $\frac{1}{4}$
B. $\frac{2}{3}$ D. $\frac{1}{3}$

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28. What is the improper fraction for the shaded part?



- A. $9/4$ C. $12/4$
 B. $10/4$ D. $8/4$

29. Martha ran 8.2 miles on Monday, 9.45 miles on Tuesday, and 12.56 miles on Wednesday. How many miles did she run altogether?

- A. 29.01 miles C. 9.21 miles
 B. 30.21 miles D. 29.11 miles

30. Multiply and simplify your answer.

$$\frac{1}{2} \times \frac{6}{8} =$$

- A. $3/8$ C. $3/16$
 B. $3/4$ D. $6/8$

31. Where is -7 on the number line?



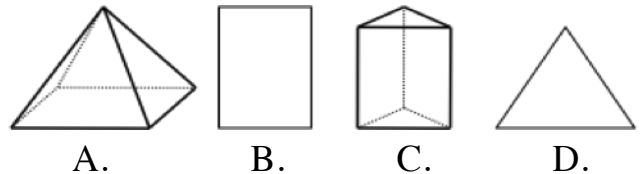
- A. D C. B
 B. C D. A

32. These are the heights for the high jump at the track meet. What number would appear next if the pattern continues?

Place	Height in feet
1 st	6.8
2 nd	6.4
3 th	6.0
4 th	

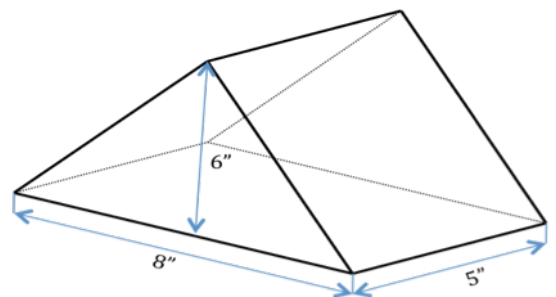
- A. 6.2 C. 5.4
 B. 5.6 D. 6.0

33. Which figure is a prism?



- A. A C. C
 B. B D. D

34. Find the **volume** of this triangular prism?



- A. 240in^3 C. 480in^3
 B. 120in^3 D. 19in^3

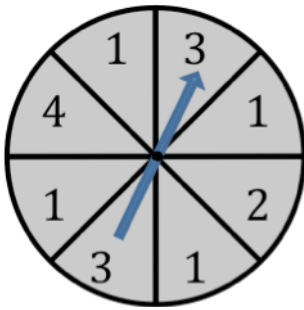
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35. What is the **range** of the data?

	Number of ice cream cones sold
Mon.	22
Tues.	30
Wed.	25
Thurs.	33

- A. 10 C. 11
B. 33 D. 3

36. What is the probability that this spinner will land on 3?



- A. 2:8 C. 8:8
B. 2:2 D. 1:8

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