

End-of-Year Practice Test

Name _____

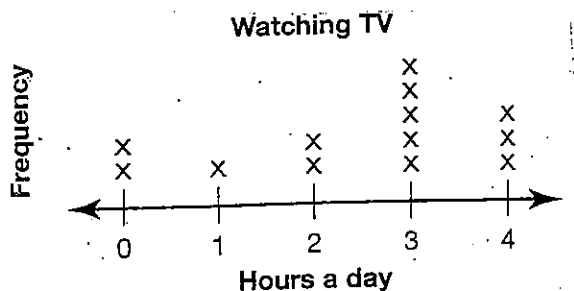
1. Match the property to the equation:

Identity	$9 \times 0 = 0$
Commutative	$9 \times (3 \times 2) = (9 \times 3) \times 2$
Associative	$9 \times 1 = 9$
Distributive	$9 \times 6 = 6 \times 9$
Zero	$3(3 \times 2) = 9 \times 6$

2. Find the product. 2.34×0.6

- A. .01404
- B. 0.1404
- C. 14.04
- D. 1.404

3. How many people spent 3 or more hours watching TV?



- A. 8
- B. 10
- C. 5
- D. 13

4. The Smiths sold 14 bushels of beans in 1 hour at the Farmer's Market. If 1 bushel weighs 59 pounds, how many ounces does 1 bushel weigh?

$1 \text{ pound} = 16 \text{ ounces}$

- A. 826 ounces
- B. 13,216 ounces
- C. 944 ounces
- D. 724 ounces

5. The length of an alligator in a zoo is $15 \frac{7}{8}$ feet. The largest alligator ever recorded in Florida was $17 \frac{5}{12}$ feet long. What is the difference in their lengths?

- A. $2 \frac{13}{24}$ feet
- B. $1 \frac{13}{24}$ feet
- C. $2 \frac{7}{24}$ feet
- D. $1 \frac{7}{12}$ feet

6. Divide. $542 \div 76$

- A. 7 R 10
- B. 6 R 31
- C. 7 R 3
- D. 7

7. Find the quotient. $1.89 \div 3.6$

- A. 52.5
- B. 5.25
- C. .525
- D. 525

8. Eli walked $1\frac{1}{2}$ miles from his house to the park, then $\frac{3}{4}$ mile around the park, and then back home. How many miles did he walk?

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

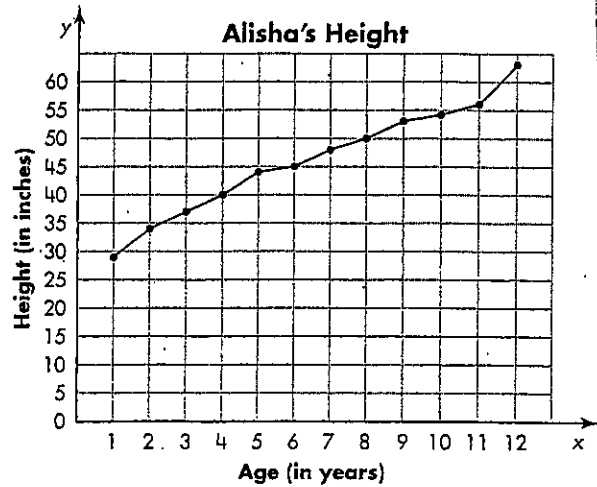
9 Match the geometric figure name to the number of sides it has.

Hexagon	3
Triangle	4
Octagon	5
Pentagon	6
Quadrilateral	8

10. The number of months in a year is 12. What is the prime factorization of this number?

- A. 4×3
- B. $4 + 4 + 4$
- C. 1×12
- D. $2 \times 2 \times 3$

11. Susan's doctor keeps a record of her height. Here is a chart that shows how her height has changed over the years.



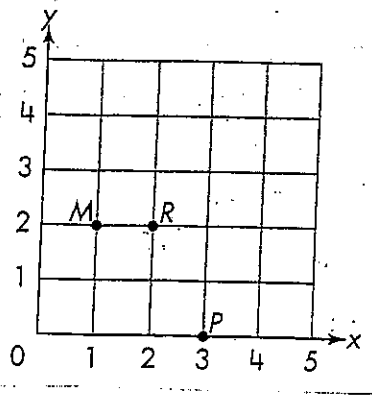
Between which two ages did Susan's height increase the least?

- A. 1 to 2
- B. 5 to 6
- C. 6 to 7
- D. 11 to 12

12. Find the product: 734×16

- A. 11,844
- B. 11,744
- C. 11,644
- D. 11,544

13. Name the coordinates of point R



- A. (1, 2)
- B. (2, 1)
- C. (2, 2)
- D. (1, 3)

14. Find the difference: $6.12 - 3.68$

- A. 2.44
- B. .0244
- C. 24.4
- D. 24

15. Round 45,629,741 to the place of the underlined digit.

- A. 46,000,000
- B. 45,000,000
- C. 45,600,000
- D. 50,000,000

16. The leg of an average human has a tibia, or shin bone, that is 41 centimeters long. What is this length in millimeters?

1 centimeter = 10 millimeters

- A. 41 millimeters
- B. 410 millimeters
- C. 1, 410 millimeters
- D. 14,100 millimeters

17. Last night, Mark completed $\frac{7}{8}$ of the homework assignment. Bob completed $\frac{5}{6}$ of the same assignment. How much more of the assignment did Mark complete?

- A. $\frac{1}{12}$
- B. $\frac{2}{8}$
- C. $\frac{1}{24}$
- D. $\frac{1}{2}$

18. Find the volume of a rectangular prism that has a base area of 48 cm^2 and a height of 14 cm.

- A. 672 cm^3
- B. $27,648 \text{ cm}^3$
- C. 124 cm^3
- D. 542 cm^3

19. John sees the problem below in his math homework.

$$\frac{2}{3} \times \frac{2}{3}$$

What answer should John give?

- A. $\frac{4}{3}$
- B. $\frac{4}{9}$
- C. $\frac{4}{6}$
- D. $\frac{2}{3}$

20. Match each quadrilateral to its name.

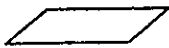
Rectangle



Parallelogram



Trapezoid



Rhombus



21. Find the quotient: $17.32 \div 10$

- A. 173.2
- B. 17.320
- C. 0.1732
- D. 1.732

22. Mrs. Smith and her 25 students are collecting boxtops to help buy school equipment. The total number of boxtops collected can be found by evaluating the expression $25 \div 12$. If $\div = 3$, what is the value of the expression?

- A. 87
- B. 75
- C. 37
- D. 40

23. A hockey team played 8 home games. The same number of people came to each game. If the total attendance for the 8 games was 32,000, how many people came to each game?

- A. 40
- B. 400
- C. 4,000
- D. 40,000

24. Caleb jogged $\frac{7}{8}$ mile and sprinted $\frac{1}{8}$ mile. In simplest form, how much farther did he jog than sprint?

- A. $\frac{1}{8}$ mile
- B. $\frac{1}{4}$ mile
- C. $\frac{1}{2}$ mile
- D. $\frac{3}{4}$ mile