

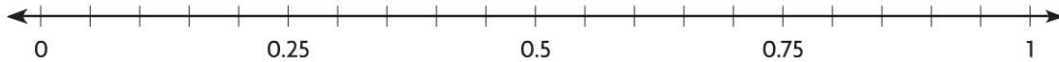
Name _____

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Concepts and Skills

Locate each number on the number line. Then complete the sentence. (pp. P245–P246)

1. 0.4 , $\frac{3}{5}$, 0.35



The number with the least value is _____.

Write the numbers in order from least to greatest. (pp. P247–P248)

2. 0.4 , $\frac{3}{5}$, 0.55 , $\frac{1}{4}$

3. $\frac{3}{4}$, 0.7 , $\frac{1}{2}$, 0.1

Use a factor tree to find the prime number factors. (pp. P249–P250)

4.



5.



6.



Write a decimal, a percent, or a simplified fraction. (pp. P251–P256)

7. 0.08 as a percent

8. $\frac{3}{5}$ as a decimal

9. 80% as a fraction

10. $\frac{13}{20}$ as a percent

Problem Solving REAL WORLD

For 11–12, use the data in the table. (pp. P251–P256)

11. What percent of the apes in the Wild Country Zoo are orangutans?

12. One species makes up 40% of the apes in the zoo. Which species is it?

Apes in the Wild Country Zoo	
Species	Number
Bonobo	4
Chimpanzee	20
Gorilla	15
Orangutan	11
Total	50

Fill in the bubble or grid completely to show your answer.

13. Entries for the Lake Manatee Bass Fishing Contest are shown. First place is awarded to the contestant with the heaviest fish.

Lake Manatee Bass Contest	
Contestant	Weight of fish caught
George	6.25 pounds
Mia	$6\frac{2}{5}$ pounds
Harvey	$6\frac{1}{3}$ pounds

What is the correct order from first place to third place? (pp. P247–P248)

- (A) First: George, Second: Mia, Third: Harvey
 (B) First: Mia, Second: George, Third: Harvey
 (C) First: Mia, Second: Harvey, Third: George
 (D) First: Harvey, Second: Mia, Third: George
14. Ric used a factor tree to write 180 as a product of factors that are prime numbers. How many factors were in Ric’s product? (pp. P249–P250)
- (A) 2
 (B) 3
 (C) 4
 (D) 5
15. On Monday, 6% of the students at Riverside School were absent. Written as a decimal, what portion of Riverside’s students attended school that day? (pp. P253–P254)
- (A) 0.06
 (B) 0.6
 (C) 0.94
 (D) 9
16. The Hastings family drove $\frac{12}{25}$ of the distance to Yellowstone National Park on the first day of their vacation. What percent of the distance to the park remained for them to drive? (pp. P255–P256)
- (A) 12% (C) 48%
 (B) 13% (D) 52%