UNIT TEST **Lessons 24–30**

Change each decimal to a rational number, or fraction.

1. .52 = _____ = _____

2. .08 = _____ = _____

3. .3 = _____

4. .575 = _____ = _____

Find the mean, median and mode for each list of data.

5. 10, 17, 12, 10, 11

   mean = _____

   median = _____

   mode = _____

6. 8, 13, 17, 17, 19, 19, 19

   mean = _____

   median = _____

   mode = _____

You bought a book with 280 pages in it. Of the 280, 210 have printing, 40 have pictures, and 30 are blank.

7. What is the probability of opening to a picture?

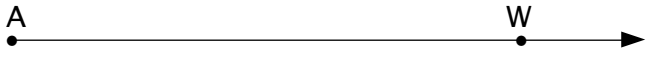
8. What is the probability of opening to a printed page?

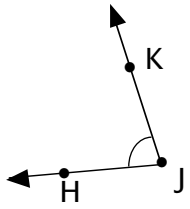
9. What is the probability of **not** opening to a printed page?

Use letters and symbols to name the figures shown below.

10. _____ 

11. _____ 

12. _____ 

13. _____ 

Fill in the blanks.

14. A _____ has one endpoint.

15. A _____ has two endpoints.

16. A line has _____ but no _____.

17. A _____ has no length or width.

18. A _____ has both length and width and is said to be two dimensional.

19. Two shapes that are exactly the same are said to be _____.

20. Two numbers that are the same are said to be _____.

21. Two figures that are the same shape but different sizes are said to be _____.

22. The common endpoint of two rays that form an angle is called the _____.

23. There are _____ degrees in a circle.

24. The measure of a right angle is _____.

25. An angle with a measure less than 90º but greater than 0º is a(n) _____ angle.

26. An angle with a measure of 180º is called a(n) _____ angle.

27. An angle with a measure less than 180º but greater than 90º is a(n) _____ angle.

Match each word with its symbol.

28. angle	a. ~
29. plane	b. →
30. infinite or infinity	c. ∠
31. ray	d. ↔
32. line	e. 
33. congruent	f. ∞
34. similar	g. ≅