

Lesson 33 • Comparing Decimals • Rounding Decimals

Power Up

- *Facts*
- *Mental Math*
- *Problem Solving*

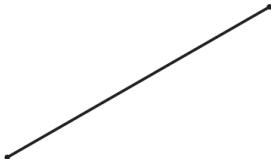


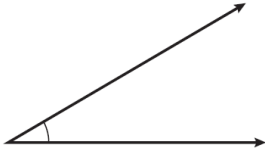

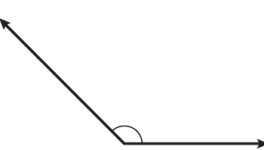
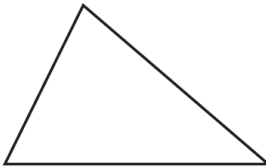
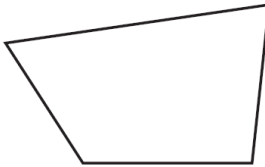
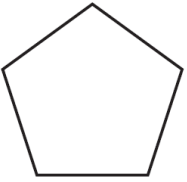
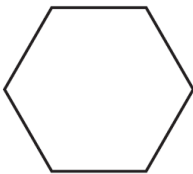
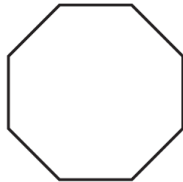
New Concepts

- *Examples*
- *Practice Set*

Written Practice

Facts

Name each figure illustrated.

1.  <u>segment</u>	2.  <u>ray</u>	3.  <u>line</u>	4.  <u>acute angle</u>
5.  <u>right angle</u>	6.  <u>obtuse angle</u>	7.  <u>triangle</u>	8.  <u>quadrilateral</u>
9.  <u>pentagon</u>	10.  <u>hexagon</u>	11.  <u>octagon</u>	12. A polygon whose sides are equal in length and whose angles are equal in measure is a <u>regular polygon</u>

Written Practice

1. Multiply 12 inches by 5 to find the number of inches in 5 feet. Then add 8 inches to find the total number of inches in 5 feet 8 inches.

2. 46°F

3. 86,719 people

4.

cm	mm
1	10
3	30
5	50

See student work.

5. a. 32 cm

b. A regular hexagon has 6 sides of equal length, so I divided 24 by 6 and got 4. Then I multiplied 4 by 8 because a regular octagon has 8 equal sides. I found that the octagon has a perimeter of 32 cm.

6. a. 20 fish

b. 40 fish

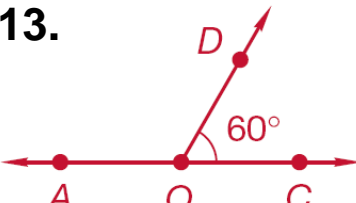
c. $33\frac{1}{3}$

60 fish
 $\frac{2}{3}$ were not goldfish.
 $\frac{1}{3}$ were goldfish.

20 fish
20 fish
20 fish

Written Practice

continued

7. 25 units²
8. a. 15.74
b. $16 \times 3 = 48$
9. a. one hundred fifty and thirty-five thousandths
b. fifteen ten-thousandths
10. a. 0.125
b. 100.025
11. a. $<$
b. $>$
12. a. 4 cm
b. 40 mm
13. 
14. $n \cdot 0 = 0$
15. 108
16. 9
17. 45°
18. $1\frac{7}{8}$
19. $\frac{7}{12}$
20. $4\frac{1}{8}$

Written Practice

continued

21. 3

22. $\frac{1}{2}$

23. $1\frac{1}{5}$

24. $3\frac{2}{3}$

25. $1\frac{1}{2}$

26. $\frac{12}{13}$

27. 0

28. The quotient will be greater than 1 because a larger number is divided by a smaller number.

29. The mixed numbers are greater than 8 and 5, so the sum is greater than 13. The mixed numbers are less than 9 and 6, so the sum is less than 15.

30.

