

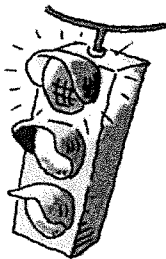
- **1-37.** Eli walked 12 feet down the hall of his house to get to the door. He continued in a straight line out the door and across the yard to the mailbox, a distance of 32 feet. He came straight back across the yard 14 feet and stopped to pet his dog.

1. Draw a diagram of Eli's walking pattern.

2. How far has he walked?

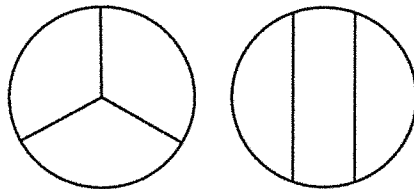
3. How far from the house is he right now?

• *Note: This icon will appear periodically throughout the text. Problems that display this icon contain errors of some type.*



Note: This stoplight icon will appear periodically throughout the text. Problems that display this icon contain errors of some type.

When you explain why something is a mistake, you are less likely to make the same mistake yourself.



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- **1-38.** Nadine and Diondra were working together to divide a circle into three equal parts. They came up with the diagrams shown above. Tanisha said, "*One of these pictures is wrong.*"
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- What do you think? Is one picture incorrect? If so, which one? Why?

- **1-39.** Find a pattern in each number sequence below. Then use your pattern to generate the next five numbers in the sequence. Explain the pattern.

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1. 2, 5, 3, 6, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. 100, 99, 97, 94, 90, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

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- **1-40.** Round each number to the specified place.

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1. 33.54296 (ten thousandths) \_\_\_\_\_

2. 307,407 (thousands) \_\_\_\_\_

3. 285.39154 (hundredths) \_\_\_\_\_

4. 6811.09 (tens) \_\_\_\_\_

# How Can You Help Prevent Burglaries?

Do each exercise and find your answer in the set of answers to the right. Write the letter of the exercise in the box containing the number of the answer.

I. Give the value of the digit 3 in each number.

- U 2.35                       S 16.093  
 O 0.134                       L 43.75

- 4 3 hundreds     13 3 tenths  
 23 3 tens             2 3 hundredths  
 9 3 ones             26 3 thousandths

II. Give the value of the digit 8 in each number.

- O 0.086                       U 94.008  
 E 82.5                         C 870.25

- 19 8 hundreds     11 8 tenths  
 25 8 tens             7 8 hundredths  
 16 8 ones             3 8 thousandths

III. Give the value of the digit 5 in each number.

- S 45.916                       E 950.44  
 O 1,277.5                       U 6.157

- 21 5 hundreds     23 5 tenths  
 15 5 tens             8 5 hundredths  
 5 5 ones             4 5 thousandths

IV. Write the decimal.

- O twenty-seven and four tenths  
 Y two and seventy-four hundredths  
 D two and seventy-four thousandths

- 1 2.74  
 18 27.4  
 11 2.704  
 10 2.074

V. Write the decimal.

- H eighty-one and six hundredths  
 K eighty and one hundred six thousandths  
 S eight hundred sixteen thousandths

- 12 0.816  
 16 8.016  
 6 81.06  
 20 80.106

VI. Write the decimal.

- M five hundred three and nine tenths  
 L five hundred and thirty-nine hundredths  
 H fifty-three and nine thousandths  
 R five hundred thirty and nine hundredths

- 22 53.009  
 24 503.9  
 14 530.09  
 21 50.309  
 17 500.39

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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