Name Date Time

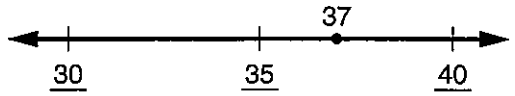
LESSON 5•5

Rounding Whole Numbers and Decimals

Draw number lines to help you round the numbers below.

Example: Round 37 to the nearest ten.

- Draw and label a number line from the first multiple of 10 less than 37 (that is, 30) to the first multiple of 10 greater than 37 (that is, 40). Mark and label the point halfway between these endpoints (35).
- Find 37 on the number line. Mark and label it.
- Since 37 is closer to 40, round 37 up to 40.



1. Round 26 to the nearest ten.

_____

2. Round 1,256 to the nearest hundred.

_____

3. Round 1,256 to the nearest thousand.

_____

4. Round 2.6 to the nearest whole number.

_____

5. Round 182.73 to the nearest ten.

_____

6. Round 1,009 to the nearest hundred.

_____

Name Date Time

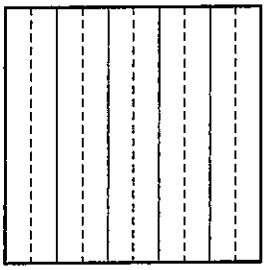
LESSON 5•5

Renaming Fractions as Decimals

1. Fill in the missing numbers and shade the squares. Each large square is worth 1.

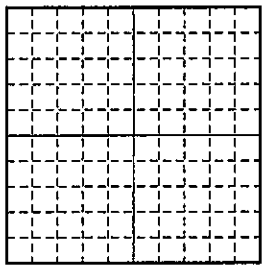
Whole
large square

Shade $\frac{4}{5}$ of the square.



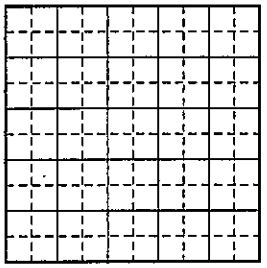
a. $\frac{4}{5} = \frac{\square}{10} = 0.\_\_\_\_$

Shade $\frac{1}{4}$ of the square.



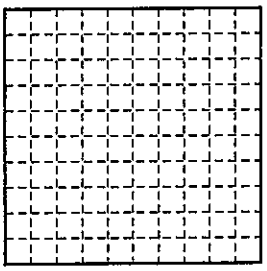
b. $\frac{1}{4} = \frac{\square}{100} = 0.\_\_\_\_$

Shade $\frac{5}{25}$ of the square.



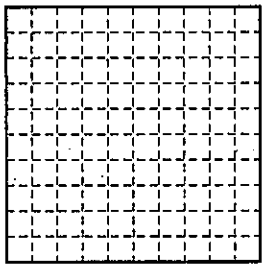
c. $\frac{5}{25} = \frac{\square}{100} = 0.\_\_\_\_$

Shade $\frac{1}{25}$ of the square.



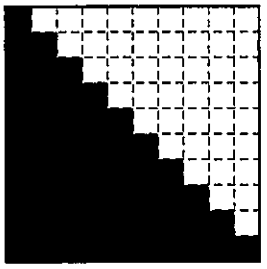
d. $\frac{1}{25} = \frac{\square}{100} = 0.\_\_\_\_$

Shade $\frac{4}{50}$ of the square.



e. $\frac{4}{50} = \frac{\square}{100} = 0.\_\_\_\_$

Write the shaded part as a fraction and as a decimal.



f. $\frac{\square}{\square} = 0.\_\_\_\_$

2. Write each number below as a decimal. Then use the letters to mark the decimals on the number line.

a. $\frac{3}{4} = \_\_.\_\_$ **b.** $\frac{3}{10} = \_\_.\_\_$ **c.** $\frac{2}{5} = \_\_.\_\_$ **d.** $\frac{27}{100} = \_\_.\_\_$

e. $\frac{11}{25} = \_\_.\_\_$ **f.** $\frac{17}{50} = \_\_.\_\_$ **g.** $\frac{6}{5} = \_\_.\_\_$ **h.** $1\frac{5}{50} = \_\_.\_\_$