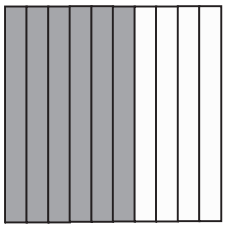
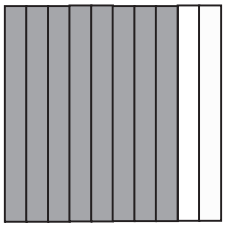
NAME_____

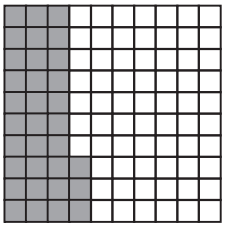
Module 4 **Fractions, Decimals, Percents, and Factors**
Lesson 2 **Concepts of Decimal Place Value and Fraction and Percent Equivalents**

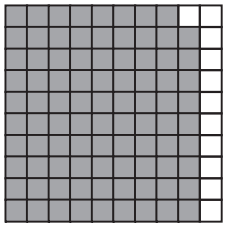
Independent Practice 4.2

Name the decimal shown by the shaded region. Write it in both decimal and word form.

1. 

2. 

3. 

4. 

Find the decimal equivalent of each fraction.

5. $\frac{41}{100}$

6. $\frac{72}{100}$

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

8. $\frac{2}{5}$

Find the percent equivalent of each fraction.

9. $\frac{3}{10}$

10. $\frac{9}{100}$

11. $\frac{3}{4}$

12. $\frac{1}{10}$

Complete each table.

13.

Fraction	Decimal	Percent
	0.36	

14.

Fraction	Decimal	Percent
$\frac{16}{100}$		

15.

Fraction	Decimal	Percent
		24%

16.

Fraction	Decimal	Percent
$\frac{1}{4}$		

Use models to demonstrate the given equivalency.

17. $\frac{1}{4} = 0.25$

18. $0.3 = 30\%$

19. $\frac{3}{6} = 50\%$

20. $0.8 = 80\%$

NAME_____

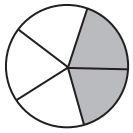
Module 4 **Fractions, Decimals, Percents, and Factors**
Lesson 2 **Concepts of Decimal Place Value and Fraction and Percent Equivalents**

Journal

1. Demonstrate with models how $0.1 = \frac{1}{10} = 10\%$. Explain why the numbers are equivalent.
2. Use models to find the decimal and percent equivalent of four fifths. Explain why the numbers are equivalent.
3. If 0.3 = 0.30, does $\frac{3}{10} = \frac{3}{100}$? Why or why not? Give a real life example.
4. Use models to find which fraction is the largest: $\frac{1}{2}; \frac{3}{8}; \frac{4}{7}$. Explain your work.

Cumulative Review

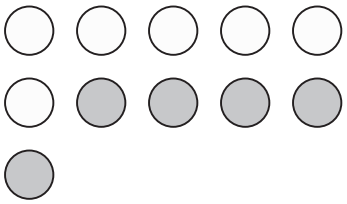
1. Name the fraction shown by the shaded region.



2. What fraction does the point on the number line represent?

Express each ratio in three ways.

3. What is the ratio of shaded circles to the entire group of shapes?



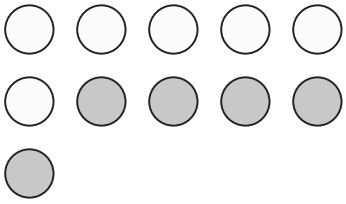
4. What is the ratio of capital T's to the entire group of letters?

T T T T t t t t t t t t

5. What is the ratio of capital T's to lower case t's?

T T T T ttttttttt

6. What is the ratio of shaded circles to white circles?



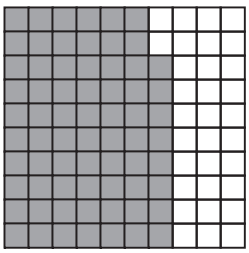
7. What is the ratio of hearts to stars?

8. What is the ratio of Q's to X's?

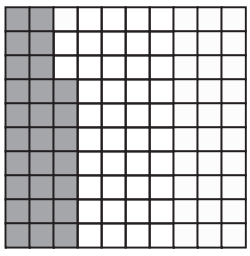
X X X X Q Q

Write the fraction of the model that is shaded, the ratio of shaded squares to total squares, and the percent that is shaded.

9.



10.



Additional Work Area

Additional Work Area