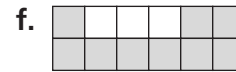
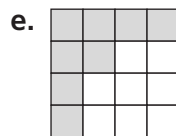
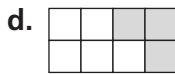
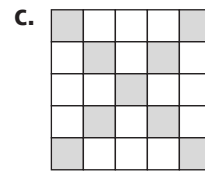
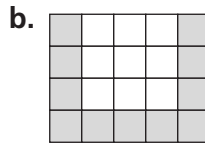
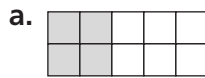


Additional Practice**Investigation 4****Bits and Pieces I**

1. For each of the grids given below, express the shaded region of the grid as a fraction, a decimal, and a percent.



2. Angie and Jim conducted a survey of their sixth-grade classmates in their mathematics class. They found out the following information:
- 70% of the students in the class do homework three or more nights each week.
 - Of the students who do homework three or more nights each week, half do homework five nights each week.
- What percentage of the students in the class do homework two nights or less each week? Explain your reasoning.
 - What fraction of the students in the class do homework five nights each week? Explain your reasoning.
 - What percentage of students in the class do homework three or four nights a week? Explain your reasoning.
 - From the information provided, can you tell how many students are in the class? Explain why or why not.
3. In a class of 24 sixth-graders, 25% walk to school, $\frac{1}{8}$ ride bicycles to school, $\frac{1}{3}$ take the bus to school, and the remainder of the class are driven to school by their parents or guardians.
- How many students in the class walk to school? Explain your reasoning.
 - How many students in the class ride bicycles to school? Explain your reasoning.
 - How many students in the class take the bus to school?
 - What fraction of the class are driven to school by their parent or guardian? Explain your reasoning.
 - What percentage of the students in the class walk, ride bicycles or the bus, or are driven to at school by a parent or guardian? Explain your reasoning.

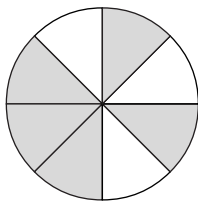
Additional Practice *(continued)*

Investigation 4

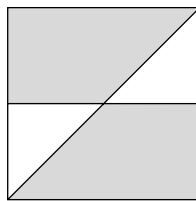
Bits and Pieces I

4. Express the shaded region of each drawing as a fraction, a decimal, and as a percent.

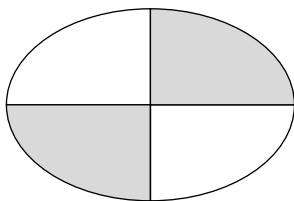
a.



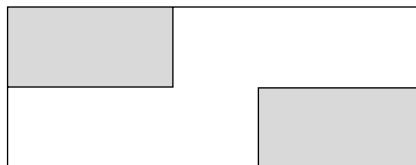
b.



c.



d.



5. In one competition, the archery team had to shoot at targets from three different distances: 10 m, 20 m, and 30 m. The number of hits and the number of shots for each distance are given below. Write their score for each round as a fraction, a decimal, and a percent.

a. at 10 m: 42 hits out of 50 shots

b. at 20 m: 37 hits out of 50 shots

c. at 30 m: 18 hits out of 50 shots

6. Fill in the missing parts of the table.

Fraction	Decimal	Percent
$\frac{3}{8}$		
	0.88	
		35%
$1\frac{1}{4}$		
	0.625	
		275%