Match Maker

Match the figure on the left with the figure on the right that shows an equal amount shaded.

1.

2.
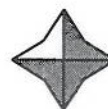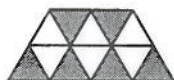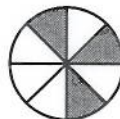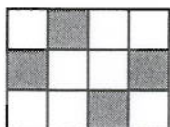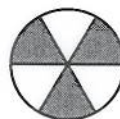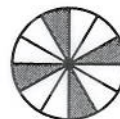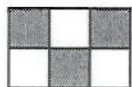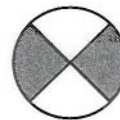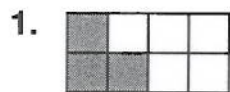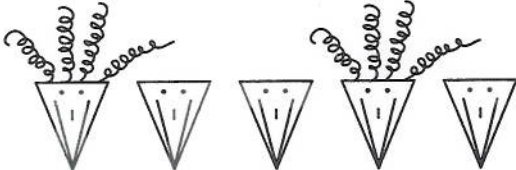
Look Alikes
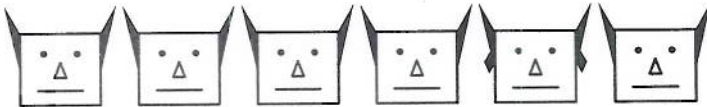
Write the fraction from the box that shows the smaller part of each group. You will not use all of the fractions.
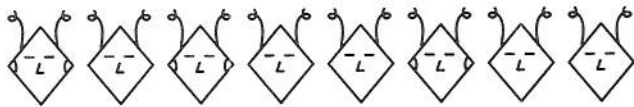
Fraction Box		$\frac{3}{4}$	$\frac{3}{7}$	$\frac{1}{4}$
$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{3}$	$\frac{3}{5}$	$\frac{5}{6}$
$\frac{1}{6}$	$\frac{2}{3}$	$\frac{4}{7}$	$\frac{2}{5}$	

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Name_____

Paper Fun

Read the steps in the box. Then answer the questions.

Step 1: Tyler and Ashley each have a rectangular sheet of paper.

Step 2: Tyler folds his paper in half and Ashley folds her paper into three equal parts.

Step 3: Tyler and Ashley open their papers and label the creased lines with a fraction that represents the length of the paper at the creased line.

Step 4: Tyler and Ashley refold the paper as in step 2.

Step 5: Tyler folds his paper into three equal parts and Ashley folds her paper into two equal parts.

Step 6: Tyler and Ashley open their papers and label the creased lines with fractions that represent the length of the paper at each creased line.

---

1. What fraction did Tyler and Ashley write on the creased line of their papers in step 3?

   _____

2. What fractions did Tyler and Ashley write on the creased lines of their papers in step 6?

   _____

3. Are there any creases on Ashley's paper that are labeled differently than those on Tyler's paper? What are they?

   _____

4. Are there any creases on Tyler's paper that are labeled differently than those on Ashley's paper? What are they?

   _____

Time After Time

JANUARY						
S	M	T	W	T	F	S
		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
27	28	29	30	31		

APRIL						
S	M	T	W	T	F	S
	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	27
28	29	30				

JULY						
S	M	T	W	T	F	S
	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	27
28	29	30	31			

OCTOBER						
S	M	T	W	T	F	S
		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
27	28	29	30	31		

Estimate the fraction of each month that passed before the date given.

1. January 8 _____

2. October 17 _____

3. April 16 _____

4. July 5 _____

5. October 10 _____

6. January 25 _____

7. July 6 _____

8. April 30 _____

Picture Patterns

Use the pictures to find the pattern. Then complete the table.

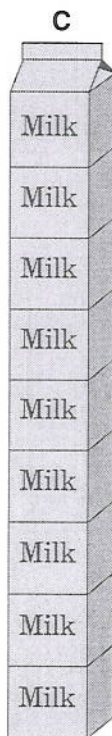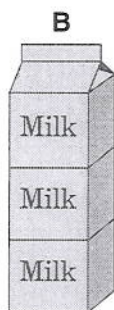**1.**

| Square piece of paper | 1 fold | 2 folds | 3 folds | 4 folds | 5 folds |

Number of folds	1	2	3	4	5
Number of parts	2	4	8		
Fraction for one part	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$		

2.

Carton stack	A	B	C	D	E
Number of cartons	1	3			
Fraction for one carton	1	$\frac{1}{3}$			

3.
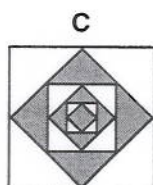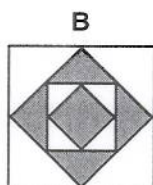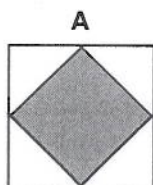
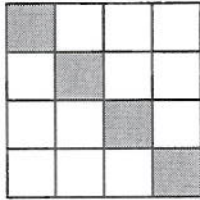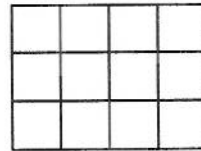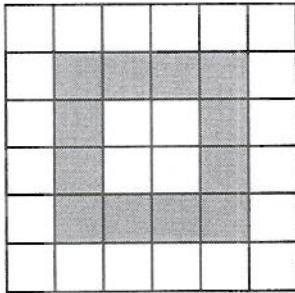| Figure	A	B	C	D	E
Number of squares	2				
Fraction of shaded squares	$\frac{1}{2}$				

It's a Draw!

Shade the diagram at the right to show a fraction that is equivalent to the fraction of shaded squares shown by the diagram at the left. Then write the equivalent fraction.
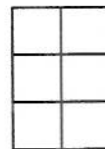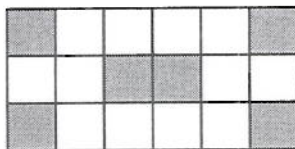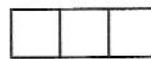
1.
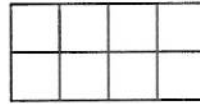
2.

3.

4.
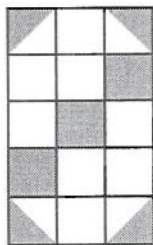
5.

6.
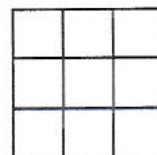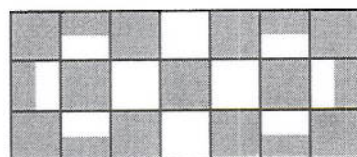
Name_____

Matching Money

E 9-7
NUMBER SENSE

Match the amount of the coins shown in Column 1 with the
dollar amounts in Column 2 and the fractions in Column 3.

1.

A $0.80   **I** $\frac{3}{10}$

2.

B $0.50   **II** $\frac{4}{5}$

3.

C $0.25   **III** $\frac{9}{10}$

4.

D $0.07   **IV** $\frac{3}{4}$

5.

E $0.90   **V** $\frac{7}{100}$

6.

F $0.75   **VI** $\frac{1}{4}$

7.

G $0.30   **VII** $\frac{1}{2}$

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116 Use with Lesson 9-7.

Name_____

Comparing Outcomes

Tiffany tossed a number cube 12 times. Then she made a tally chart to show each time the cube showed each face.

Face	1	2	3	4	5	6
Number	I	III	II		II	IIII

1. Complete the table to show the fraction of tosses for each face of the number cube.

Face	1	2	3	4	5	6
Fraction (out of 12 tosses)	$\frac{1}{12}$					

2. Compare the fractional results for each face by writing >, <, or = in each ☐.

   A. Face 1 ☐ Face 2

   B. Face 3 ☐ Face 5

   C. Face 5 ☐ Face 4

   D. Face 2 ☐ Face 6

Tiffany tossed a coin 10 times and had 6 heads and 4 tails.
Then she tossed a coin 20 times and had 8 heads and 12 tails.

3. Complete the table to show the fractions of heads and tails Tiffany tossed.

Outcome	Heads	Tails
Fraction out of 10		
Fraction out of 20		

4. Compare the fractional results for each set of tosses by writing >, <, or = in each ☐.

   A. heads out of 10 ☐ tails out of 10
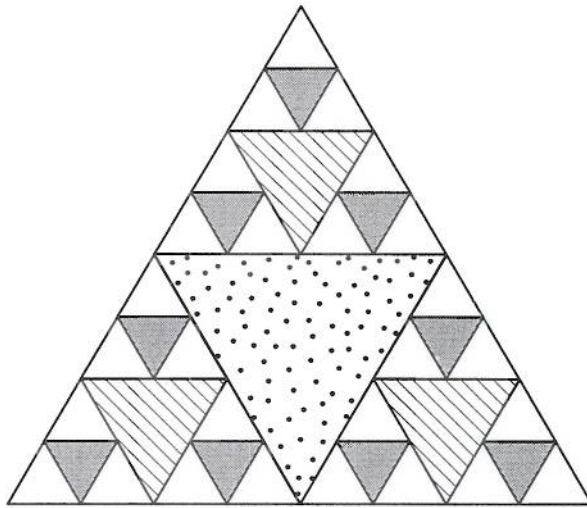
   B. heads out of 20 ☐ tails out of 20

   C. heads out of 10 ☐ heads out of 20

   D. heads out of 10 ☐ tails out of 20

Triangle Fractions

1. What fraction of a striped triangle is a shaded triangle? What fraction of the spotted triangle is a shaded triangle? Use >, <, or = to compare the two fractions.

2. What fraction of the spotted triangle is a white triangle? What fraction of a striped triangle is three shaded triangles? Use >, <, or = to compare the two fractions.

3. What fraction of the spotted triangle is two striped triangles? What fraction of the largest triangle is one spotted triangle? Use >, <, or = to compare the two fractions.

4. What fraction of the largest triangle is one striped triangle? What fraction of the largest triangle is four shaded triangles? Use >, <, or = to compare the two fractions.

Recreation Time!

1. Timothy has computer class 3 times a week. Each class is 45 min long. How many hours of computer class does Timothy have per week? In 4 weeks?

_____

2. Alex practices soccer 4 times a week for 50 min each practice. How many total hours does Alex practice soccer per week? In 2 weeks?

_____

3. Laurel went swimming 7 times in 3 weeks. One time she swam for $1\frac{1}{2}$ hr. The other 6 times she swam for 30 min each time. How many hours did Laurel swim in 3 weeks?

_____

4. Caitlin, Cindy, and Connie went jogging at the recreation center. Caitlin jogged for 40 min, Cindy jogged for 30 min, and Connie jogged for 70 min. What was the total amount of time they jogged altogether?

_____

5. Dena takes karate classes every Tuesday and Thursday. Each class is 55 min long. How many hours of class will Dena have in 3 weeks?

_____

6. Jack spent $9\frac{3}{4}$ hr practicing ice hockey with his team. How many $\frac{1}{4}$ hr is that?

_____

7. Misa takes 3 dance classes each week. Ballet class is 45 min long, modern dance is 50 min long, and jazz dance is 35 min long. How many hours of dance class does Misa have in 2 weeks?

_____

8. Carlos practices piano every Monday, Wednesday, and Friday for 35 min each day. He also practices guitar every Tuesday, Thursday, and Saturday for 30 min each day. How many hours does Carlos spend practicing musical instruments each week?
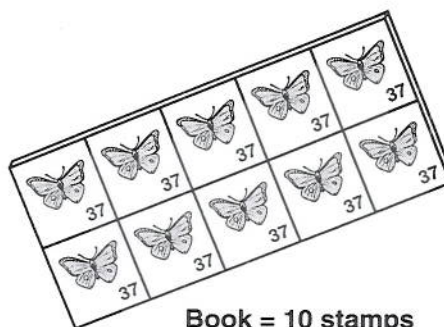
_____

Name_____

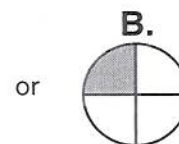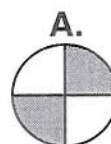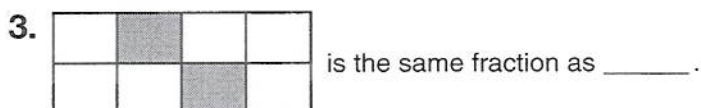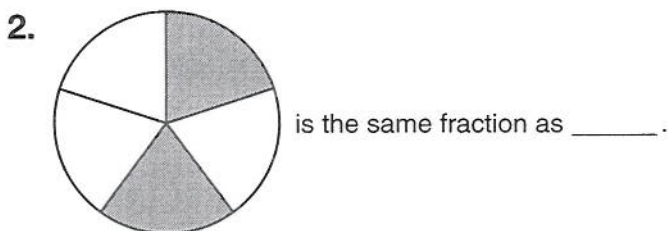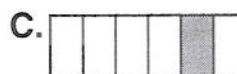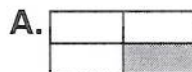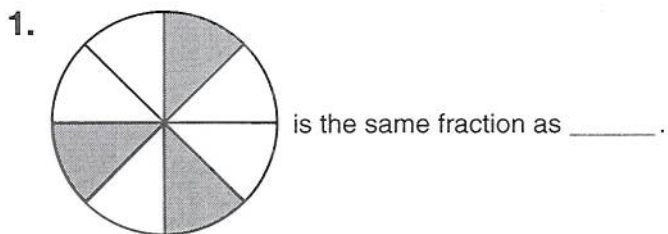# Stamping Fractions
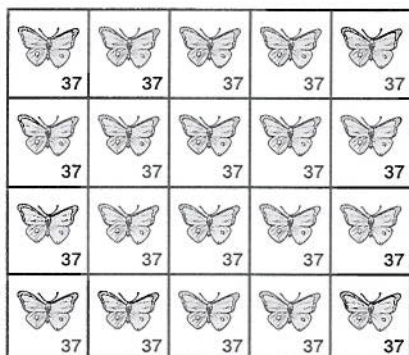
Sheet = 20 stamps

Book = 10 stamps

Use the pictures of the stamps to answer the questions.

1. Which is a greater number of stamps, $2\frac{3}{10}$ books of stamps or $1\frac{1}{20}$ sheets of stamps?

   _____

2. Would you rather have $2\frac{1}{10}$ sheets of stamps or $3\frac{9}{10}$ books of stamps?

   _____

3. Brandon used $\frac{28}{10}$ books of stamps, and Lindsey used $1\frac{3}{4}$ sheets of stamps. Who used more stamps?

   _____

4. Thomas has $3\frac{1}{5}$ books of stamps, and Ron has 28 stamps. Who has more stamps?

   _____

5. The stamps in the sheet and book shown above cost the same amount per stamp. Which costs more, $2\frac{3}{20}$ sheets or $4\frac{2}{5}$ books?

   _____

6. Scott bought 2 books of stamps and 1 sheet of stamps. He used three stamps each day for 3 days. How many books of stamps did Scott have left after 3 days?
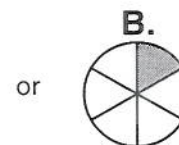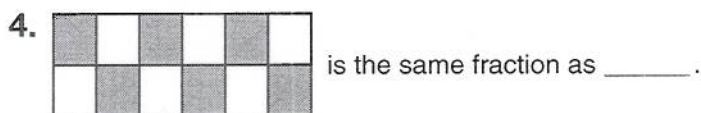
   _____

Circles and Rectangles
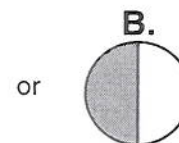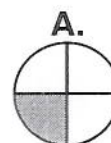
Complete each statement by writing the letter of the picture that shows the equivalent fraction.

1.

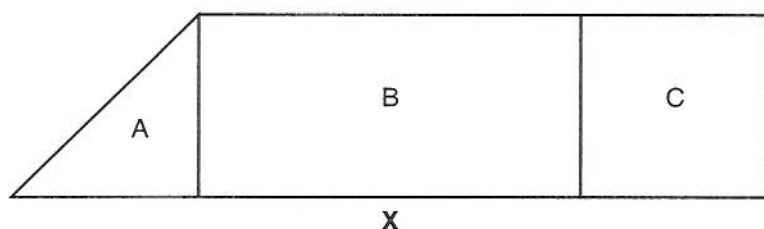is the same fraction as _____.

A.

B.

C.

2.

is the same fraction as _____.

A.

B.

C.

3.

is the same fraction as _____.

A.   B.

or

4.

is the same fraction as _____.

A.   B.

or

5.

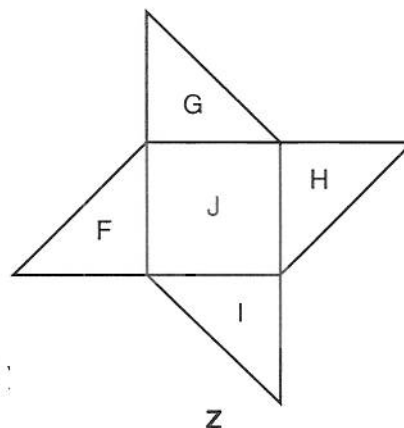is the same fraction as _____.

A.   B.

or
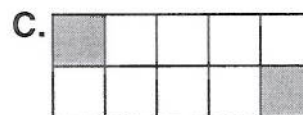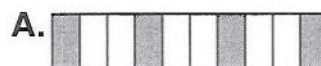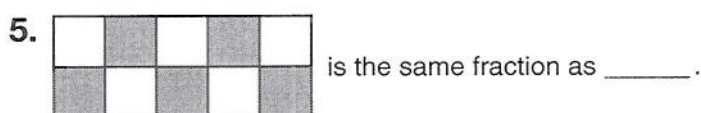
Shape Fractions

1. What fraction of trapezoid X is square C? Explain your answer.

_____

_____

2. What fraction of trapezoid X is rectangle B? Explain your answer.

_____

_____

3. What fraction of trapezoid X is triangle A? Explain your answer.

_____

_____

4. What fraction of shape Z is square J?
   Explain your answer.

   _____

   _____

5. What fraction of shape Z is triangle G? Explain

   _____

   _____

Name_____

Missing Information

In the list of math words, some of the letters are missing. Write the missing letters. Then tell what fraction of the letters were missing from each word.

1. Fr____ct____ons

   Fraction missing: _____

2. C_____cle

   Fraction missing: _____

3. E____ui____ale____t

   Fraction missing: _____

4. Pol____g____n

   Fraction missing: _____

5. Ci____cu____feren____e

   Fraction missing: _____

6. Kil____g____am

   Fraction missing: _____

7. Mi_____ilite____s

   Fraction missing: _____

8. D____a____e____e____

   Fraction missing: _____