

NAME _____

DATE 12/30/11

Home Connection 20 ★ Worksheet

Comparing Fractions of a Foot

Use your labeled foot-long strips to answer the questions below:

1 Which is larger: $\frac{1}{3}$ of a foot or $\frac{1}{4}$ of a foot? _____

2 Which is larger: $\frac{1}{2}$ of a foot or $\frac{1}{6}$ of a foot? _____

3 Which is larger: $\frac{1}{2}$ of a foot or $\frac{4}{6}$ of a foot? _____

4 Which is larger: $\frac{2}{3}$ of a foot or $\frac{3}{4}$ of a foot? _____

5 What do you get when you add $\frac{1}{2}$ of a foot and $\frac{1}{4}$ of a foot? _____

Quick Facts Practice

6 Multiply the number in each small box below by the number shown.

×	5	7	3	9	6	4	2	8
3	15	21	9	27	18	12	6	24

×	5	7	3	9	6	4	2	8
4								

×	5	7	3	9	6	4	2	8
6								

×	5	7	3	9	6	4	2	8
8								

(Continued on back.)



CHALLENGE

7 What do you get when you add $\frac{1}{3}$ of a foot and $\frac{2}{6}$ of a foot? _____

8 How many different combinations of fractions can you add together to equal $\frac{3}{4}$?
Write them below or on another piece of paper.

NAME _____

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Home Connection 21 ★ Worksheet

Modeling Egg Carton Fractions

1 Use your egg carton, string, and small objects like beans, cereal, or pasta shells to build a model of each fraction. Then draw a sketch of each fraction in the tables.

Build this fraction.	Sketch your model here.	Build this fraction.	Sketch your model here.
example $\frac{1}{3}$		e $\frac{5}{6}$	
a $\frac{1}{4}$		f $\frac{2}{6}$	
b $\frac{2}{3}$		g $\frac{10}{12}$	
c $\frac{3}{12}$		h $\frac{5}{12}$	
d $\frac{2}{4}$		i $\frac{3}{6}$	

2 What observations can you make about $\frac{3}{6}$ and $\frac{2}{4}$?

(Continued on back.)

Home Connection 21 Worksheet (cont.)

3a Which is more, $\frac{1}{4}$ of a dozen or $\frac{1}{3}$ of a dozen? _____

b How much more is it?

c How do you know?

4 Draw and label some of the fractions you could make in an egg carton that holds 20 eggs.

