# Fractions as Division Worksheets

Greg spent $4 on 5 packs of sport cards.

a. How much did Greg spend on each pack?

b. If Greg spent half as much money and bought twice as many packs of cards, how much did he spend on each pack? Explain your thinking.

Five pounds of birdseed is used to fill 4 identical bird feeders.

a. What fraction of the birdseed will be needed to fill each feeder?
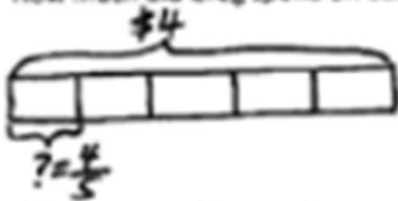
b. How many pounds of birdseed are used to fill each feeder? Draw a tape diagram to show your thinking.

c. How many ounces of birdseed are used to fill three bird feeders?

# Fractions as Division Worksheets

Greg spent $4 on 5 packs of sport cards.
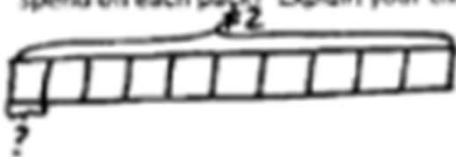
a. How much did Greg spend on each pack?

$4

$? = \frac{4}{5}$

$5 \text{ units} = \$4$
$1 \text{ unit} = \$4 \div 5 = \frac{4}{5}$

$\frac{4}{5} \text{ of } \$1 = 80¢$

Greg spent 80¢ on each pack.

b. If Greg spent half as much money, and bought twice as many packs of cards, how much did he spend on each pack? Explain your thinking.

$2

?

$10 \text{ units} = \$2$
$1 \text{ unit} = 2 \div 10 = \frac{2}{10} = \frac{1}{5}$
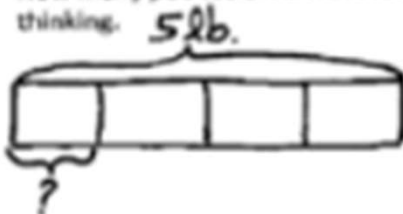$\frac{1}{5} \text{ of } \$1 = 20¢$
He spent 20¢ on each pack.

5 pounds of birdseed is used to fill 4 identical bird feeders.

a. What fraction of the birdseed will be needed to fill each feeder?

There are 4 identical bird feeders, so $\frac{1}{4}$ of the birdseed will be needed to fill each feeder.

b. How many pounds of birdseed is used to fill each feeder? Draw a tape diagram to show your thinking.

5 lb.

?

$4 \text{ units} = 5 \text{ lb}$
$1 \text{ unit} = 5 \text{ lb} \div 4$
$= \frac{5}{4}$
$= 1\frac{1}{4} \text{ lb}$

$1\frac{1}{4}$ lb of birdseed is used to fill each feeder.

c. How many ounces of birdseed are used to fill three birdfeeders?

$1 \text{ lb} = 16 \text{ oz}$
$1\frac{1}{4} \text{ lb} = ? \text{ oz}$
$= 1\frac{1}{4} \times 16 \text{ oz}$
$= 16 \text{ oz} + 4 \text{ oz}$
$= 20 \text{ oz}$

$1 \text{ unit} = 20 \text{ oz}$
$3 \text{ units} = 3 \times 20 = 60 \text{ oz}$

60 oz of birdseed are used to fill three birdfeeders.