$\qquad$

1. Draw a tape diagram to solve. Express your answer as a fraction. Show the multiplication sentence to check your answer. The first one is done for you.
a. $1 \div 3=$


1 unit $=1 \div 3$

$$
=\frac{1}{3}
$$



Check: $\quad 3 \times \frac{1}{3}$
$=\frac{1}{3}+\frac{1}{3}+\frac{1}{3}$
$=\frac{3}{3}$
$=1$
b. $2 \div 3=-$
c. $7 \div 5=-$
d. $14 \div 5=-$
2. Fill in the chart. The first one is done for you.

| Division Expression | Fraction | Between which two whole numbers is your answer? | Standard Algorithm |
| :---: | :---: | :---: | :---: |
| a. $13 \div 3$ | $\frac{13}{3}$ | 4 and 5 | $3 \begin{gathered} 4 \frac{1}{3} \\ \cline { 1 - 2 } \\ \hline 13 \\ \hline-12 \\ \hline 1 \end{gathered}$ |
| b. $6 \div 7$ |  | 0 and 1 | $7 \longdiv { 6 }$ |
| c. ___ $\div$ | $\frac{55}{10}$ |  |  |
| d. | $\frac{32}{40}$ |  | $4 0 \longdiv { 3 2 }$ |

3. 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.
4. 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 birdfeeders?

Date $\qquad$

Matthew and his 3 siblings are weeding a flower bed with an area of 9 square yards. If they share the job equally, how many square yards of the flower bed will each child need to weed? Use a tape diagram to show your thinking.

Name
Date $\qquad$

1. Draw a tape diagram to solve. Express your answer as a fraction. Show the addition sentence to support your answer. The first one is done for you.
a. $1 \div 4=\frac{1}{4}$

$$
=\frac{1}{4}
$$

$$
\begin{aligned}
& \text { Check: } \\
& \begin{array}{ll} 
& 4 \times \frac{1}{4} \\
4 \begin{array}{l}
0 \frac{1}{4} \\
\frac{1}{2} \\
1
\end{array} & =\frac{1}{4}+\frac{1}{4}+\frac{1}{4}+\frac{1}{4} \\
& =\frac{4}{4} \\
& =1
\end{array}
\end{aligned}
$$

b. $4 \div 5=-$
c. $8 \div 5=-$
d. $14 \div 3=-$
2. Fill in the chart. The first one is done for you.

| Division Expression | Fraction | Between which two whole numbers is your answer? | Standard Algorithm |
| :---: | :---: | :---: | :---: |
| a. $16 \div 5$ | $\frac{16}{5}$ | 3 and 4 | $5 \begin{gathered} \\ \\ \begin{array}{c} 3 \\ \frac{1}{5} \\ \hline-16 \\ \hline 1 \end{array} \\ \hline \end{gathered}$ |
| b. ___ $\div$ | $\frac{3}{4}$ | 0 and 1 |  |
| c. | $\frac{7}{2}$ |  | $2 \longdiv { 7 }$ |
| d. $\qquad$ $\div$ | $\frac{81}{90}$ |  |  |

3. Jackie cut a 2 -yard spool into 5 equal lengths of ribbon.
a. How long is each piece of ribbon? Draw a tape diagram to show your thinking.
b. What is the length of each ribbon in feet? Draw a tape diagram to show your thinking.
4. Baa Baa the black sheep had 7 pounds of wool. If he separated the wool into 3 bags, each holding the same amount of wool, how much wool would be in 2 bags?
5. An adult sweater is made from 2 pounds of wool. This is 3 times as much wool as it takes to make a baby sweater. How much wool does it take to make a baby sweater? Use a tape diagram to solve.
