Name $\qquad$ Date $\qquad$

1. Draw a tape diagram and a number line to solve. Fill in the blanks that follow.
a. $3 \div \frac{1}{3}=$ $\qquad$ There are ___ thirds in 1 whole.

There are $\qquad$ thirds in 3 wholes. If 3 is $\frac{1}{3}$, what is the whole? $\qquad$
b. $3 \div \frac{1}{4}=$ $\qquad$ There are ___ fourths in 1 whole.

There are $\qquad$ fourths in $\qquad$ wholes.

If 3 is $\frac{1}{4}$, what is the whole? $\qquad$
c. $4 \div \frac{1}{3}=$ $\qquad$ There are $\qquad$ thirds in 1 whole.

There are $\qquad$ thirds in __ wholes.

If 4 is $\frac{1}{3}$, what is the whole? $\qquad$
d. $5 \div \frac{1}{4}=$ $\qquad$ There are $\qquad$ fourths in 1 whole.

There are $\qquad$ fourths in $\qquad$ wholes.

If 5 is $\frac{1}{4}$, what is the whole? $\qquad$
2. Divide. Then, multiply to check.

| a. $2 \div \frac{1}{4}$ | b. $6 \div \frac{1}{2}$ | c. $5 \div \frac{1}{4}$ | d. $5 \div \frac{1}{8}$ |
| :--- | :--- | :--- | :--- | :--- |
| e. $6 \div \frac{1}{3}$ | f. $3 \div \frac{1}{6}$ | g. $6 \div \frac{1}{5}$ | h. $6 \div \frac{1}{10}$ |

3. A principal orders 8 sub sandwiches for a teachers' meeting. She cuts the subs into thirds and puts the mini-subs onto a tray. How many mini-subs are on the tray?
4. Some students prepare 3 different snacks. They make $\frac{1}{8}$ pound bags of nut mix, $\frac{1}{4}$ pound bags of cherries, and $\frac{1}{6}$ pound bags of dried fruit. If they buy 3 pounds of nut mix, 5 pounds of cherries, and 4 pounds of dried fruit, how many of each type of snack bag will they be able to make?
