Name _____ **Date** _____

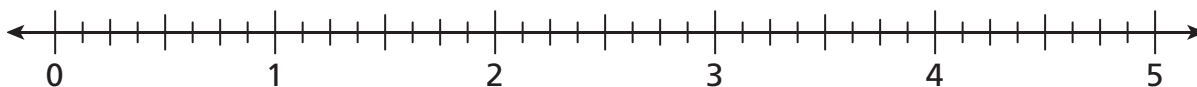**1.** Use the number line to compare the fractions or mixed numbers. Write $>$ or $<$ to make the statement true.

a. $\frac{3}{4} \bigcirc \frac{5}{8}$ **b.** $1\frac{1}{4} \bigcirc \frac{3}{2}$ **c.** $\frac{9}{4} \bigcirc 2\frac{1}{2}$ **d.** $\frac{7}{2} \bigcirc \frac{17}{8}$
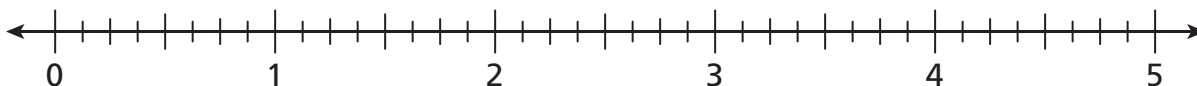
e. $4\frac{2}{4} \bigcirc 4\frac{5}{8}$ **f.** $4\frac{1}{2} \bigcirc \frac{33}{8}$ **g.** $1\frac{3}{4} \bigcirc 1\frac{7}{8}$ **h.** $1\frac{1}{2} \bigcirc 1\frac{1}{8}$

2. Mark and label the letter of each fraction or mixed number on the number line.

a. $\frac{3}{8}$ **b.** $\frac{3}{4}$ **c.** $1\frac{1}{2}$ **d.** $2\frac{1}{8}$ **e.** $2\frac{7}{8}$

f. $3\frac{1}{4}$ **g.** $3\frac{5}{8}$ **h.** $4\frac{2}{4}$ **i.** $4\frac{6}{8}$ **j.** $4\frac{7}{8}$

The list below shows the amount of fruit purchased from the market.

Fruit Purchases (lb = pounds)

apples $2\frac{1}{8}$ lb	bananas $2\frac{3}{8}$ lb
grapes $2\frac{2}{3}$ lb	oranges $3\frac{1}{10}$ lb

3. Decide if each weight is closer to 2 pounds, $2\frac{1}{2}$ pounds, or 3 pounds. Write *closer to 2 pounds, closer to $2\frac{1}{2}$ pounds,* or *closer to 3 pounds.*

a. apples _____ **b.** bananas _____

c. grapes _____ **d.** oranges _____

4. Which purchase had a greater weight?

a. apples or grapes _____ **b.** oranges or bananas _____

Remembering

Solve, using any method.

1. $8\overline{)1{,}219}$ **2.** $3\overline{)7{,}149}$ **3.** $4\overline{)4{,}038}$

Solve each comparison problem.

4. Mateo read 2,382 pages in a book series over the summer. This is 3 times the number of pages as his younger brother read over the summer. How many pages did Mateo's brother read over the summer?

_____

5. In Jen's town, there was 9 inches of snow in a year. In her cousin's town, there was 216 inches of snow in the same year. How many times the number of inches of snow was there in the cousin's town as in Jen's town?

_____

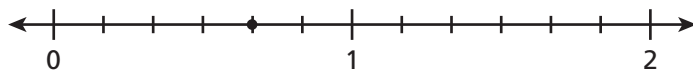**Write $<$ or $>$ to make each statement true.**

6. $\dfrac{2}{5} \bigcirc \dfrac{4}{5}$ **7.** $\dfrac{1}{8} \bigcirc \dfrac{3}{8}$ **8.** $\dfrac{4}{5} \bigcirc \dfrac{4}{6}$

9. Stretch Your Thinking Dakota says the point on the number line shown here is $\dfrac{4}{5}$. His teacher says that he is reading the number line incorrectly. What is Dakota's error? What is the correct fraction?

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