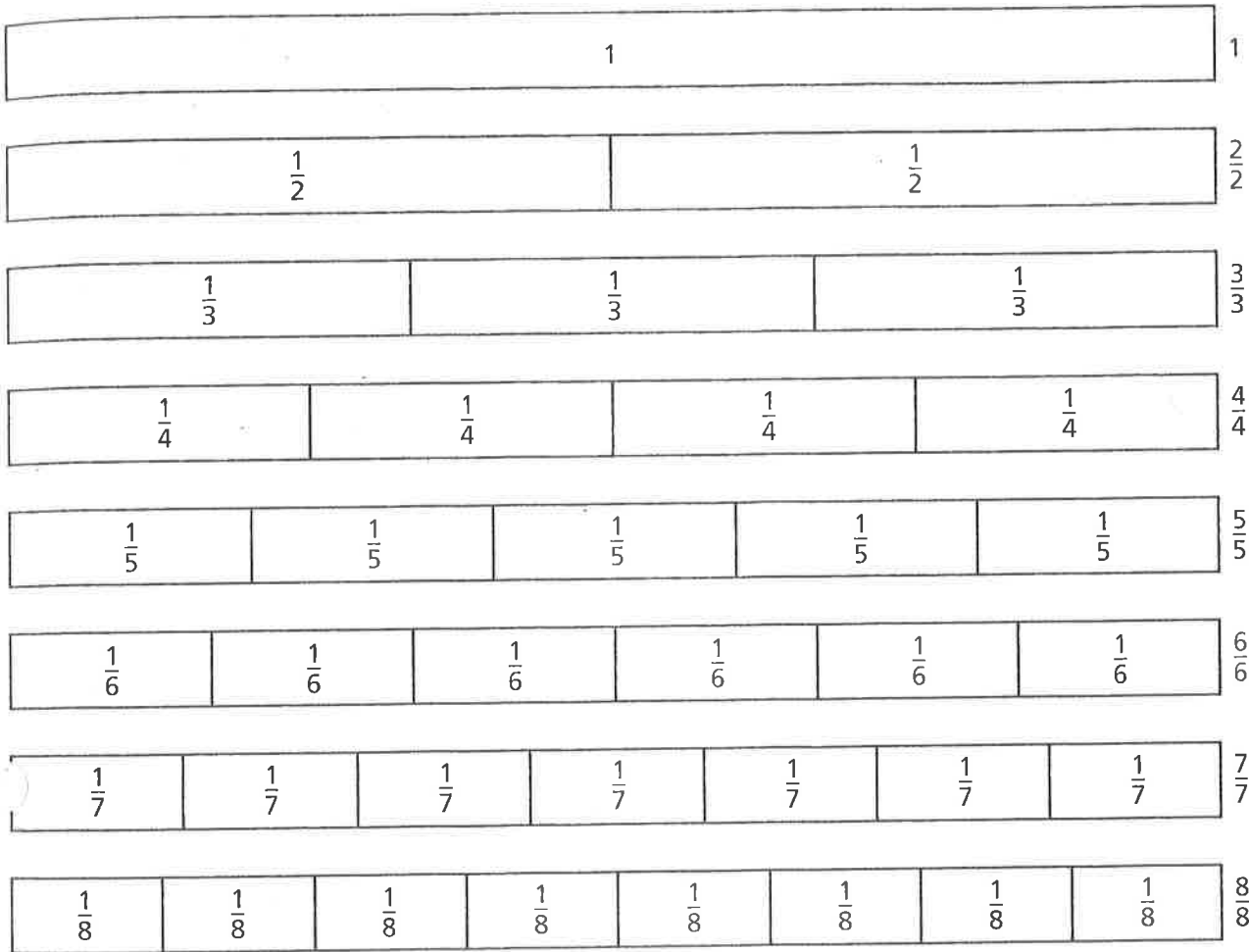


4-4 Homework

Name _____

Date _____



Use the diagram. Write $<$ or $>$ to compare the unit fractions.

1 $\frac{1}{3}$ ○ $\frac{1}{7}$

2 $\frac{1}{3}$ ○ $\frac{1}{2}$

3 $\frac{1}{6}$ ○ $\frac{1}{7}$

4 $\frac{1}{2}$ ○ $\frac{1}{4}$

5 $\frac{1}{5}$ ○ $\frac{1}{3}$

6 $\frac{1}{4}$ ○ $\frac{1}{7}$

7 $\frac{1}{8}$ ○ $\frac{1}{7}$

8 $\frac{1}{6}$ ○ $\frac{1}{2}$

9 $\frac{1}{3}$ ○ $\frac{1}{8}$

10 $\frac{1}{8}$ ○ $\frac{1}{4}$

11 $\frac{1}{5}$ ○ $\frac{1}{2}$

12 $\frac{1}{5}$ ○ $\frac{1}{8}$

13 $\frac{1}{6}$ ○ $\frac{1}{3}$

14 $\frac{1}{4}$ ○ $\frac{1}{5}$

15 $\frac{1}{6}$ ○ $\frac{1}{5}$

16 $\frac{1}{5}$ ○ $\frac{1}{7}$

17 $\frac{1}{4}$ ○ $\frac{1}{3}$

18 $\frac{1}{2}$ ○ $\frac{1}{7}$

19 $\frac{1}{8}$ ○ $\frac{1}{6}$

20 $\frac{1}{2}$ ○ $\frac{1}{8}$

21 $\frac{1}{6}$ ○ $\frac{1}{4}$

Add or subtract.

$$\begin{array}{r} \textcircled{1} \quad 465 \\ + 184 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 579 \\ + 498 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 600 \\ + 285 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 539 \\ + 281 \\ \hline \end{array}$$

Divide each number line into the correct unit fractions.

Then label each point.

Show the target fraction by looping the unit fractions that make it.



Make a proof drawing and subtract numerically.

Show your ungroupings.

- $\textcircled{7}$ Mrs. Razaki has 235 programs to hand out at the concert. So far she has handed out 72. How many programs does she have left?

Solve the problem.

- $\textcircled{8}$ David buys a package of 375 straws. He uses 182 to build a bridge for a project. How many straws does he have left?

- $\textcircled{9}$ Stretch Your Thinking Zane says that $\frac{1}{8}$ is greater than $\frac{1}{4}$ because 8 is greater than 4. Do you agree? Explain.
