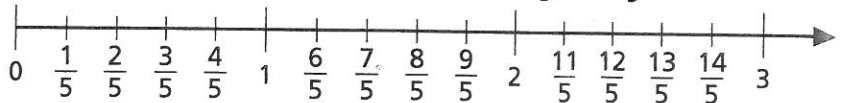


### Checking

- Jasmeet's 10th birthday is  $1\frac{1}{3}$  years away. Clayton's 10th birthday is  $2\frac{1}{2}$  years away. Which birthday comes first?
- Order these fractions and mixed numbers from least to greatest:  $3\frac{2}{5}$ ,  $\frac{28}{5}$ ,  $2\frac{1}{3}$ ,  $2\frac{4}{5}$ .

### Practising

- Use the number line to show that  $\frac{12}{5} > 1\frac{4}{5}$ .



- ~~Use pattern blocks to~~ show that  $2\frac{1}{3} > \frac{8}{6}$ . Sketch and explain what you did.

- Use a model or a diagram to show that  $3\frac{1}{4} < 4\frac{2}{3}$ .

- How do you know that  $\frac{13}{8} > \frac{13}{10}$ ?

- Order each set of fractions from least to greatest. Explain your reasoning for one set of fractions.

a)  $\frac{13}{12}$ ,  $\frac{8}{12}$ ,  $\frac{17}{12}$ ,  $\frac{9}{12}$

c)  $6\frac{2}{3}$ ,  $5\frac{1}{4}$ ,  $6\frac{9}{10}$ ,  $2\frac{1}{8}$

b)  $3\frac{1}{5}$ ,  $4\frac{2}{5}$ ,  $3\frac{3}{5}$ ,  $4\frac{4}{5}$

d)  $\frac{11}{15}$ ,  $\frac{23}{12}$ ,  $\frac{15}{10}$ ,  $\frac{17}{6}$

- Oksana skated for  $1\frac{5}{6}$  h. Ken skated for  $\frac{7}{4}$  h. Who skated longer? Describe your strategy for comparing the times.

- The chart at the left shows the times (in hours) that five children spent doing weekend chores. Order the times from least to greatest.

Times Spent on Chores

Name	Time (h)
Jade	$\frac{5}{4}$
Stuart	$\frac{9}{4}$
Hannah	$1\frac{1}{2}$
Lucas	$\frac{3}{4}$
Megan	$\frac{7}{2}$

- How do you know that  $3\frac{1}{3} > 2\frac{2}{3}$  if  $\frac{2}{3}$  is a proper fraction?

- Would you use the same strategy to order  $1\frac{1}{2}$ ,  $3\frac{3}{5}$ , and  $2\frac{3}{5}$  as you would to order  $1\frac{2}{3}$ ,  $1\frac{4}{5}$ , and  $1\frac{5}{6}$ ? Explain.

- Why is comparing two mixed numbers often easier than comparing two improper fractions? Use an example to explain.