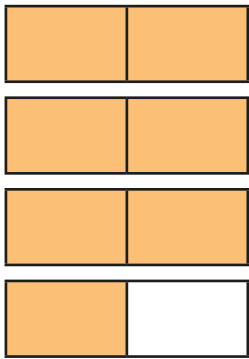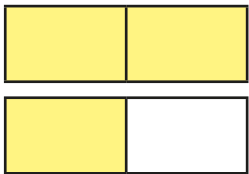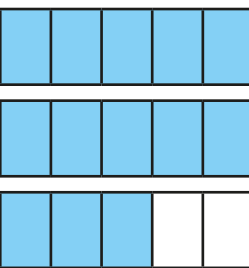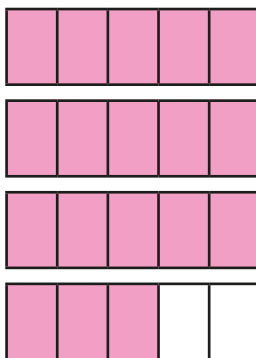# Compare and order mixed numbers

1 Write the mixed numbers that are shown by the bar models.

Tick the mixed number that is greater in each pair.
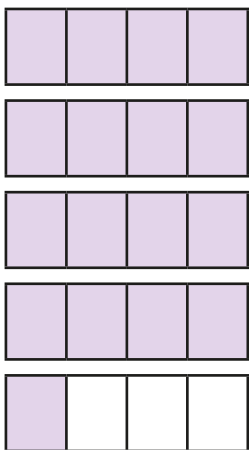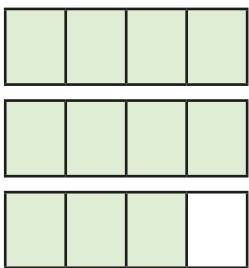
a)

b)

c)
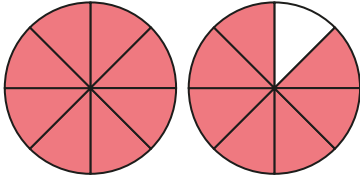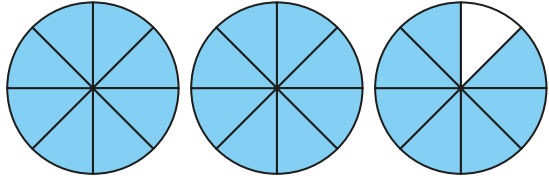
What do you notice?
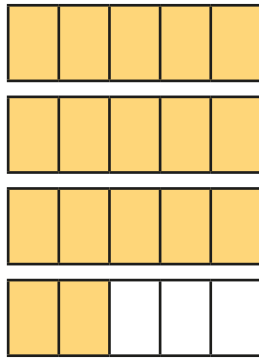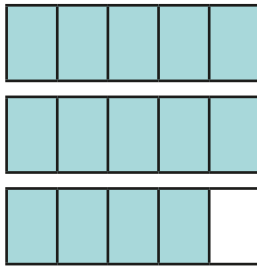
2 What mixed numbers are shown in the diagrams?

Write < or > to compare the mixed numbers.

a)

b)

3 Write < or > to compare the mixed numbers.

a) $7\frac{1}{4}$ ◯ $5\frac{1}{4}$

b) $7\frac{7}{8}$ ◯ $5\frac{7}{8}$

c) $5\frac{1}{3}$ ◯ $7\frac{1}{3}$

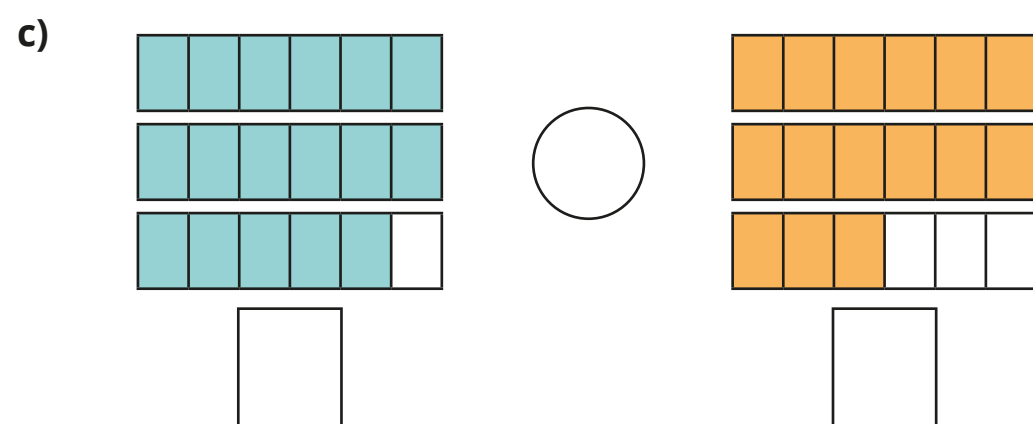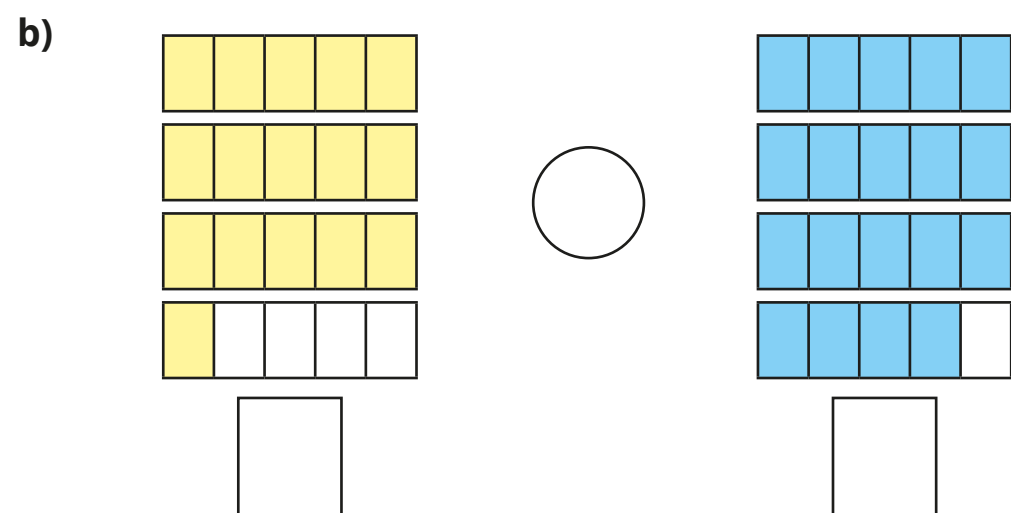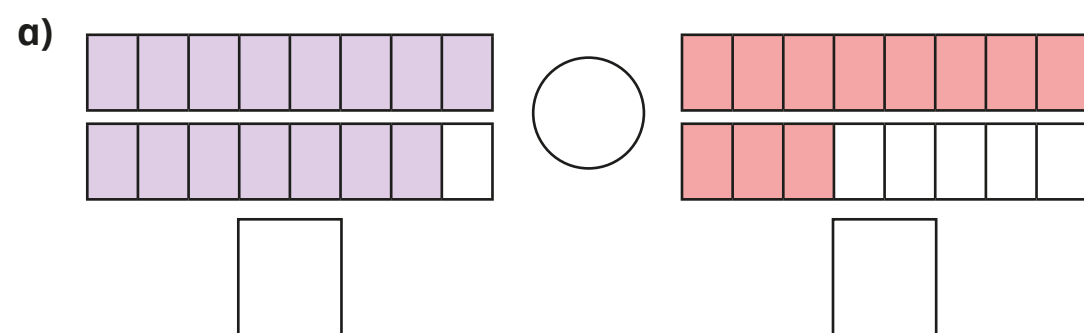d) $11\frac{4}{9}$ ◯ $21\frac{4}{9}$

e) $112\frac{3}{7}$ ◯ $102\frac{3}{7}$

f) $13\frac{1}{9}$ ◯ $6\frac{8}{9}$

4 Write the mixed numbers in order, starting with the smallest number.

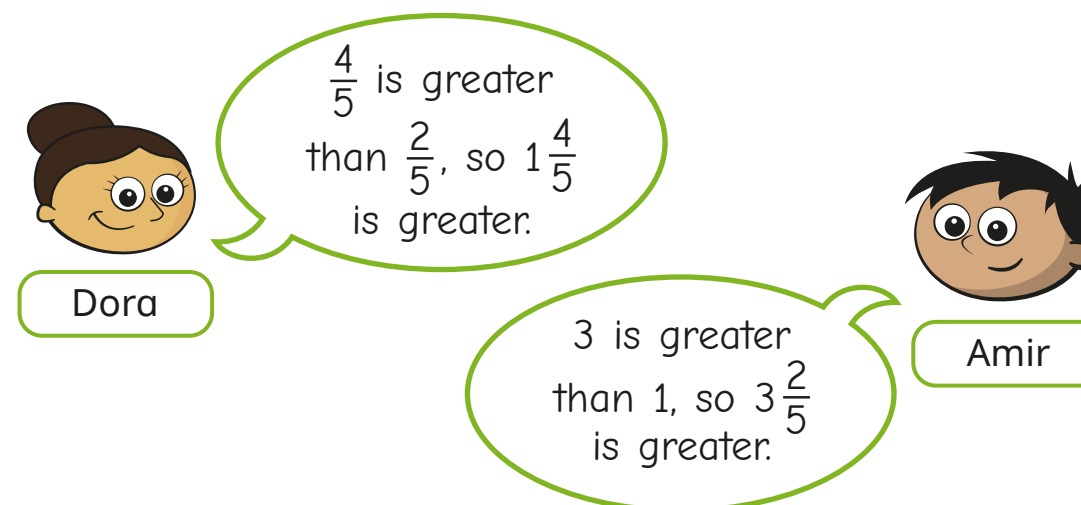$2\frac{4}{5}$ $17\frac{4}{5}$ $\frac{4}{5}$ $7\frac{4}{5}$ $18\frac{1}{5}$
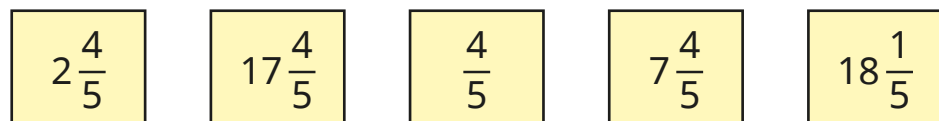
5 What mixed numbers are shown by the bar models?

Write < or > to compare the mixed numbers.

a)

b)

c)

What do you notice?

6 Dora and Amir are comparing $3\frac{2}{5}$ and $1\frac{4}{5}$

$\frac{4}{5}$ is greater than $\frac{2}{5}$, so $1\frac{4}{5}$ is greater.

Dora

3 is greater than 1, so $3\frac{2}{5}$ is greater.

Amir

Who do you agree with? _____

Explain your reasons.

7 **a)** Label the mixed numbers on the number line.

$6\frac{4}{5}$ $7\frac{1}{5}$ $6\frac{2}{5}$ $7\frac{4}{5}$

6   7   8
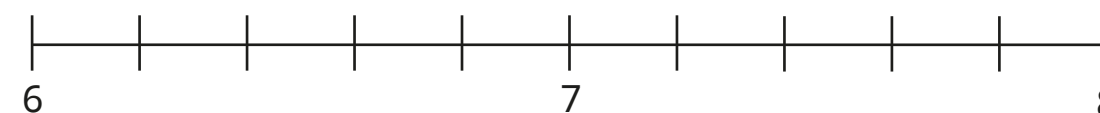
b) Write the numbers in order, starting with the greatest number.

_____

8 What could the missing mixed number be?

$13\frac{3}{5} <$ ⬜ $< 15\frac{2}{5}$

Compare answers with a partner.