

Compare the sizes of unit fractions

NAME	DATE	SCORE / 10
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- 1** Which fraction is larger, $\frac{1}{8}$ or $\frac{1}{5}$, and why?
- ☐ They are the same size, because both have 1 on top.
- ☐ $\frac{1}{8}$ is larger, because 8 is more than 5.
- ☐ $\frac{1}{5}$ is larger, because fewer equal parts make bigger parts.

- 2** Leo cuts a cake into 3 equal pieces. Noah cuts a cake of the same size into 2 equal pieces. Whose pieces are larger?
- ☐ Noah's pieces ☐ Leo's pieces ☐ The pieces are the same size

- 3** “More equal parts make each part bigger.” Is this always, sometimes or never true?
- ☐ Always true ☐ Sometimes true ☐ Never true

- 4** Which fraction is larger, $\frac{1}{7}$ or $\frac{1}{2}$, and why?
- ☐ $\frac{1}{2}$ is larger, because fewer equal parts make bigger parts.
- ☐ $\frac{1}{7}$ is larger, because 7 is more than 2.
- ☐ They are the same size, because both have 1 on top.

- 5** Ben cuts a cake into 2 equal pieces. Emma cuts a cake of the same size into 4 equal pieces. Whose pieces are larger?
- ☐ Emma's pieces ☐ The pieces are the same size ☐ Ben's pieces

6 “A unit fraction with a bigger denominator is smaller.” Is this always, sometimes or never true?

- ☐ Always true ☐ Sometimes true ☐ Never true
-

7 Which fraction is larger, $\frac{1}{3}$ or $\frac{1}{6}$, and why?

- ☐ They are the same size, because both have 1 on top.
- ☐ $\frac{1}{6}$ is larger, because 6 is more than 3.
- ☐ $\frac{1}{3}$ is larger, because fewer equal parts make bigger parts.
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8 Cleo eats $\frac{1}{10}$ of a cake. Emma eats $\frac{1}{4}$ of a cake of the same size. Who eats more cake?

- ☐ Both eat the same amount ☐ Cleo ☐ Emma
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9 Which fraction is larger, $\frac{1}{10}$ or $\frac{1}{9}$, and why?

- ☐ $\frac{1}{10}$ is larger, because 10 is more than 9.
- ☐ They are the same size, because both have 1 on top.
- ☐ $\frac{1}{9}$ is larger, because fewer equal parts make bigger parts.
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10 Which fraction is larger, $\frac{1}{5}$ or $\frac{1}{4}$, and why?

- ☐ $\frac{1}{4}$ is larger, because fewer equal parts make bigger parts.
- ☐ $\frac{1}{5}$ is larger, because 5 is more than 4.
- ☐ They are the same size, because both have 1 on top.

Compare the sizes of unit fractions

1 $\frac{1}{5}$ is larger, because fewer equal parts make bigger parts.

3 Never true

5 Ben's pieces

7 $\frac{1}{3}$ is larger, because fewer equal parts make bigger parts.

9 $\frac{1}{9}$ is larger, because fewer equal parts make bigger parts.

2 Noah's pieces

4 $\frac{1}{2}$ is larger, because fewer equal parts make bigger parts.

6 Always true

8 Emma

10 $\frac{1}{4}$ is larger, because fewer equal parts make bigger parts.