L.O. To compare and order fractions
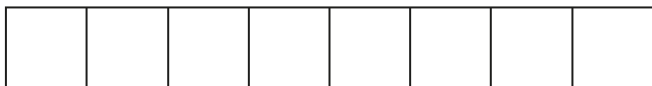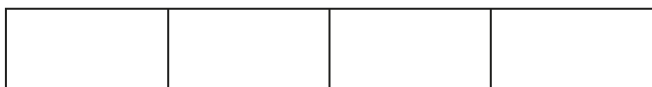
1.

Write <, > or = to compare the fractions.
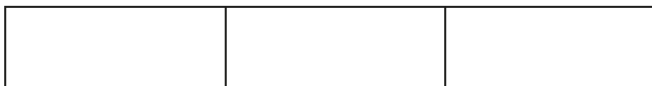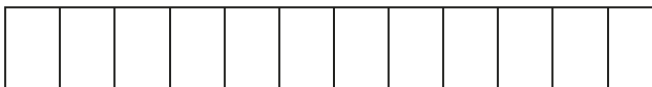
Use the bar models to help you.

$\frac{7}{8}$ ◯ $\frac{3}{4}$

$\frac{9}{12}$ ◯ $\frac{3}{4}$

$\frac{7}{12}$ ◯ $\frac{2}{3}$

2. Write <, > or = to compare the fractions.

a) $\frac{1}{5}$ ◯ $\frac{4}{15}$ g) $\frac{2}{9}$ ◯ $\frac{1}{3}$

b) $\frac{2}{5}$ ◯ $\frac{4}{15}$ h) $\frac{4}{9}$ ◯ $\frac{1}{3}$

c) $\frac{2}{5}$ ◯ $\frac{6}{15}$ i) $\frac{4}{12}$ ◯ $\frac{1}{3}$

d) $\frac{2}{3}$ ◯ $\frac{6}{15}$ j) $\frac{8}{12}$ ◯ $\frac{2}{3}$

e) $\frac{2}{3}$ ◯ $\frac{6}{12}$ k) $\frac{8}{12}$ ◯ $\frac{3}{3}$

f) $\frac{2}{3}$ ◯ $\frac{6}{9}$ l) $\frac{8}{12}$ ◯ $\frac{3}{4}$
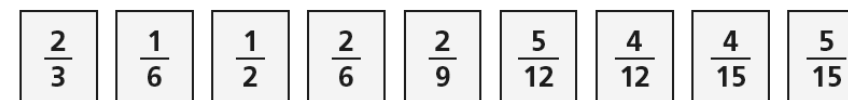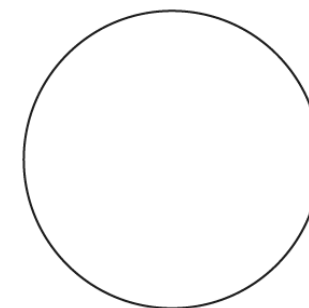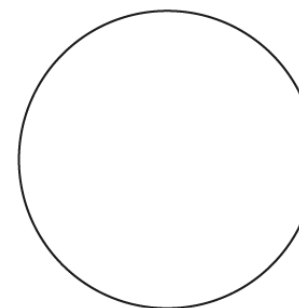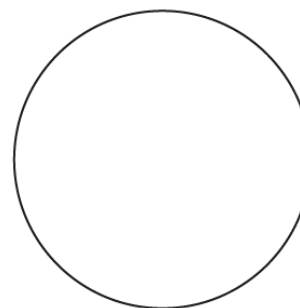
3.

Sort the fractions into the circles.

greater than $\frac{1}{3}$ equal to $\frac{1}{3}$ less than $\frac{1}{3}$

| $\frac{2}{3}$ | $\frac{1}{6}$ | $\frac{1}{2}$ | $\frac{2}{6}$ | $\frac{2}{9}$ | $\frac{5}{12}$ | $\frac{4}{12}$ | $\frac{4}{15}$ | $\frac{5}{15}$ |

COMPARING AND ORDERING FRACTIONS CHALLENGES

1.

Tommy and Eva are comparing fractions.

$$\frac{2}{3} \quad \frac{8}{12} \quad \frac{4}{9}$$

> I found a common denominator of 36 to compare the fractions.

Tommy

> I found a common numerator of 4 to compare the fractions.
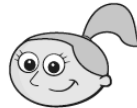
Eva

Whose method is more efficient? _____

2. Write the fractions in ascending order (smallest to largest).

a) $\frac{2}{5}, \ \frac{2}{7}, \ \frac{2}{3}, \ \frac{2}{4}, \ \frac{2}{10}$

☐ ☐ ☐ ☐ ☐

b) $\frac{2}{3}, \ \frac{5}{9}, \ \frac{1}{9}, \ \frac{5}{6}, \ \frac{2}{9}$

☐ ☐ ☐ ☐ ☐

c) $\frac{3}{5}, \ \frac{7}{10}, \ \frac{1}{2}, \ \frac{3}{10}, \ \frac{1}{5}$

☐ ☐ ☐ ☐ ☐

d) $\frac{3}{8}, \ \frac{6}{17}, \ \frac{12}{30}, \ \frac{2}{7}, \ \frac{1}{3}$

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