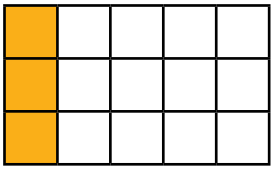
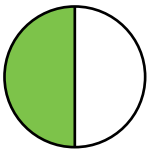
1) Match the equivalent fractions.

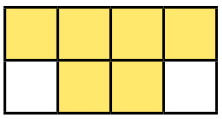


$\frac{3}{4}$

$\frac{5}{10}$

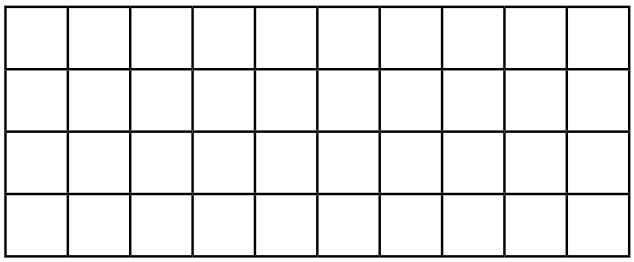


$\frac{1}{5}$



$\frac{6}{9}$

2) Use the shape below to calculate and complete the equivalent fractions.



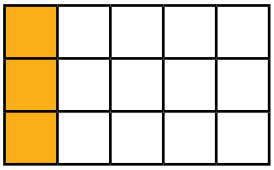
$\frac{1}{5} = \frac{\square}{10}$ $\quad \frac{1}{\square} = \frac{4}{20}$ $\quad \frac{1}{5} = \frac{8}{\square}$

$\frac{\square}{5} = \frac{4}{10}$ $\quad \frac{4}{10} = \frac{\square}{20}$ $\quad \frac{\square}{40} = \frac{4}{10}$

3) Find a path through the maze using your knowledge of equivalent fractions.

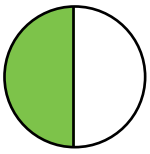
Start	$\frac{1}{3}$	$\frac{8}{15}$	$\frac{3}{57}$	$\frac{3}{7}$	$\frac{12}{16}$	$\frac{5}{9}$
$\frac{10}{20}$	$\frac{2}{4}$	$\frac{2}{6}$	$\frac{6}{18}$	$\frac{12}{36}$	$\frac{24}{72}$	$\frac{4}{5}$
$\frac{7}{8}$	$\frac{11}{28}$	$\frac{1}{9}$	$\frac{3}{10}$	$\frac{10}{100}$	$\frac{46}{126}$	$\frac{48}{144}$
$\frac{50}{100}$	$\frac{13}{20}$	$\frac{6}{12}$	$\frac{1}{8}$	$\frac{3}{5}$	$\frac{96}{157}$	Finish

1) Match the equivalent fractions.

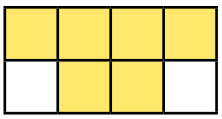


$\frac{3}{4}$

$\frac{5}{10}$



$\frac{1}{5}$



$\frac{6}{9}$

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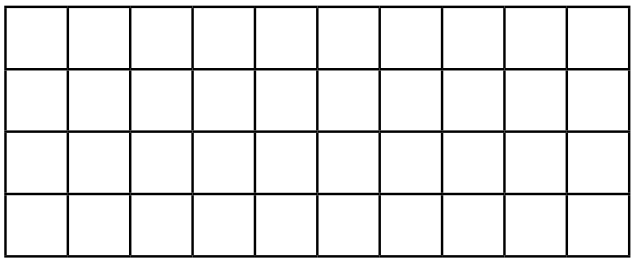

$\frac{1}{5} = \frac{\square}{10}$ $\quad \frac{1}{\square} = \frac{4}{20}$ $\quad \frac{1}{5} = \frac{8}{\square}$

$\frac{\square}{5} = \frac{4}{10}$ $\quad \frac{4}{10} = \frac{\square}{20}$ $\quad \frac{\square}{40} = \frac{4}{10}$

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$\frac{7}{8}$	$\frac{11}{28}$	$\frac{1}{9}$	$\frac{3}{10}$	$\frac{10}{100}$	$\frac{46}{126}$	$\frac{48}{144}$
$\frac{50}{100}$	$\frac{13}{20}$	$\frac{6}{12}$	$\frac{1}{8}$	$\frac{3}{5}$	$\frac{96}{157}$	Finish

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1) Which one is the odd one out and why?

A $\frac{1}{4}$ B $\frac{4}{8}$ C $\frac{5}{20}$ D $\frac{3}{12}$

2) The children have been using multiplication to calculate equivalent fractions for $\frac{1}{6}$. Check their work. Correct and explain their mistakes.

Selma

$\frac{1}{12} = \frac{1}{6}$

Logan

$\frac{3}{12} = \frac{1}{6}$

Beth

$\frac{4}{24} = \frac{1}{6}$

1) Explore these equivalent fraction number sequences. Predict what comes next and explain the pattern.

a) $\frac{1}{4} = \frac{2}{8} = \frac{4}{16} = \frac{\square}{\square}$

b) $\frac{1}{5} = \frac{10}{50} = \frac{100}{500} = \frac{\square}{\square}$

c) $\frac{1}{2} = \frac{2}{4} = \frac{6}{12} = \frac{24}{48} = \frac{\square}{\square}$

d) Create your own equivalent fraction number sequence. Can your friend explain the pattern?

2) Use your knowledge of equivalent fractions to solve this problem.
3 girls share 2 cakes equally. 6 boys share 4 cakes equally.
Who gets to eat more cake?
Draw a model or image to support your written explanation.

1) Which one is the odd one out and why?

A $\frac{1}{4}$ B $\frac{4}{8}$ C $\frac{5}{20}$ D $\frac{3}{12}$

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