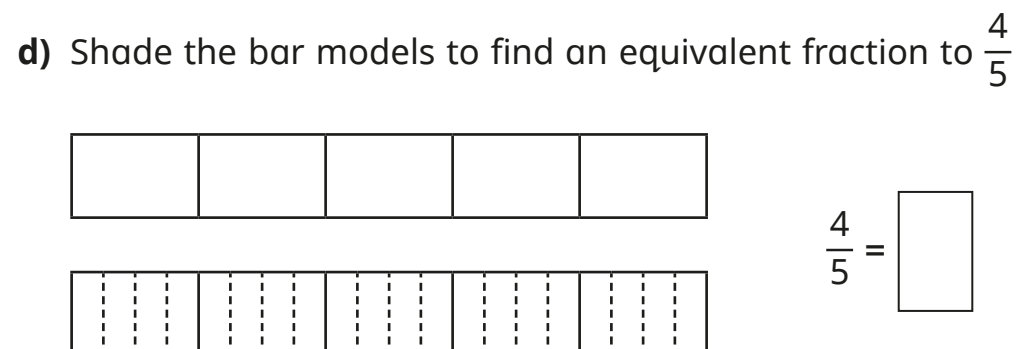
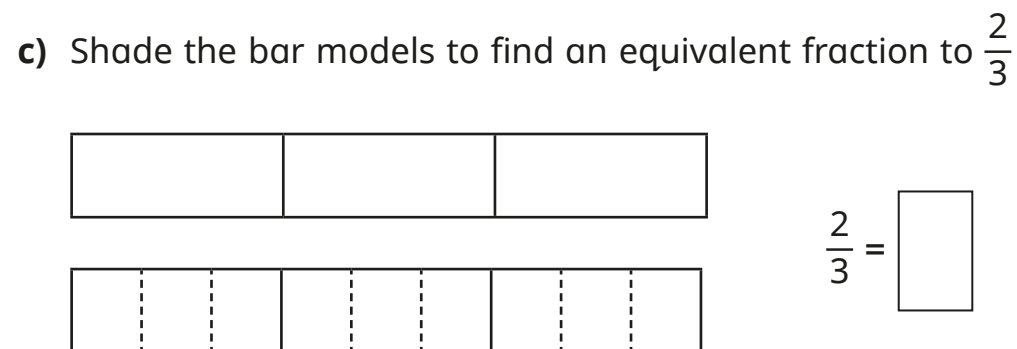
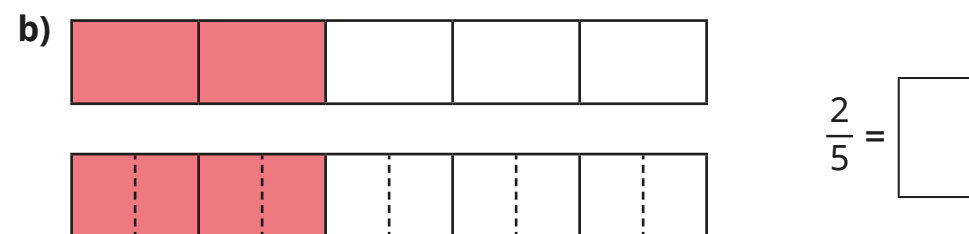
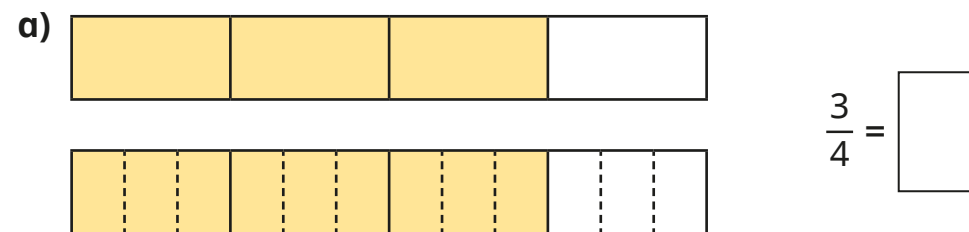
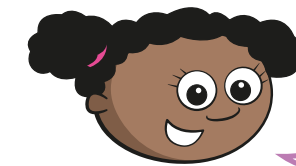


Find fractions equivalent to a non-unit fraction

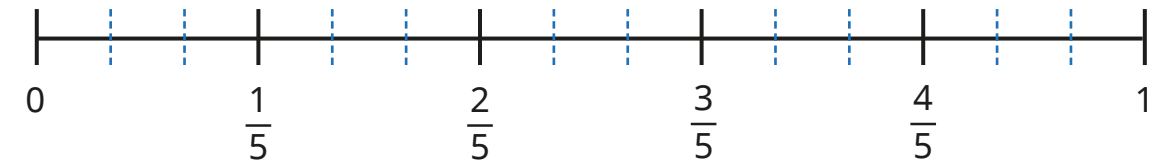
1 Use the bar models to find the equivalent fractions.



2 Whitney is finding equivalent fractions using a number line.



I can find equivalent fractions by splitting the number line into smaller parts.



Use Whitney's number line to complete the equivalent fractions.

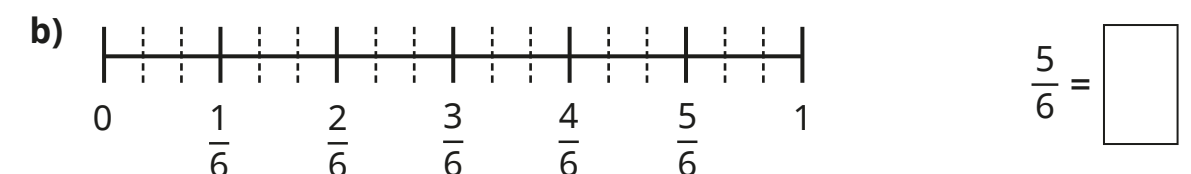
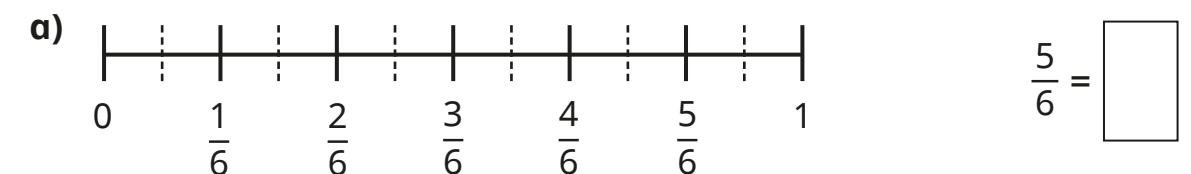
a) $\frac{1}{5} = \frac{\boxed{}}{15}$

c) $\frac{3}{5} = \frac{\boxed{}}{15}$

b) $\frac{2}{5} = \frac{\boxed{}}{15}$

d) $\frac{4}{5} = \frac{\boxed{}}{15}$

3 Use the number lines to complete the equivalent fractions.



4 Find three fractions that are equivalent to $\frac{4}{7}$



5 Complete the equivalent fractions.

a) $\frac{4}{9} = \frac{\boxed{}}{\boxed{}}$

$\times 5$ (above the arrow)

$\times 5$ (below the arrow)

b) $\frac{\boxed{}}{\boxed{}} = \frac{18}{21}$

$\div 3$ (above the arrow)

$\div 3$ (below the arrow)

6 Complete the equivalent fractions.

a) $\frac{3}{4} = \frac{6}{\boxed{}}$

d) $\frac{3}{7} = \frac{\boxed{}}{49}$

g) $\frac{2}{\boxed{}} = \frac{6}{30}$

b) $\frac{4}{5} = \frac{12}{\boxed{}}$

e) $\frac{7}{9} = \frac{21}{\boxed{}}$

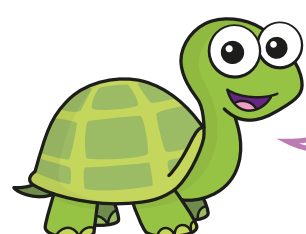
h) $\frac{7}{12} = \frac{\boxed{}}{144}$

c) $\frac{5}{8} = \frac{\boxed{}}{48}$

f) $\frac{2}{\boxed{}} = \frac{6}{18}$

i) $\frac{5}{\boxed{}} = \frac{500}{800}$

7 Tiny is using this rule to find fractions that are equivalent to $\frac{8}{12}$



Whatever I do to the numerator, I have to do to the denominator.

$\frac{16}{24}$ $\frac{10}{14}$ $\frac{7}{11}$ $\frac{2}{3}$

Circle the fractions that are equivalent to $\frac{8}{12}$

What mistakes has Tiny made?

8 Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$ $\frac{3}{B}$ $\frac{2}{18}$ $\frac{C}{90}$

A = $\boxed{}$ B = $\boxed{}$ C = $\boxed{}$

9 Here are three fraction cards.

All the fractions are equivalent.

$\frac{3}{A}$ $\frac{B}{14}$ $\frac{12}{C}$

A + B = 13

Work out the value of C.

C = $\boxed{}$

10 $\frac{3}{5} = \frac{9}{1 + \bullet}$

Find the value of $\bullet$

$\bullet = \boxed{}$

