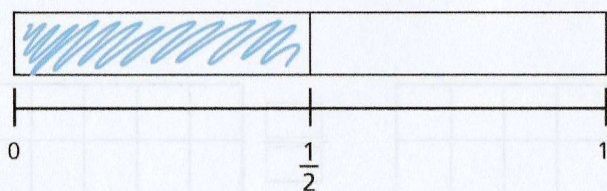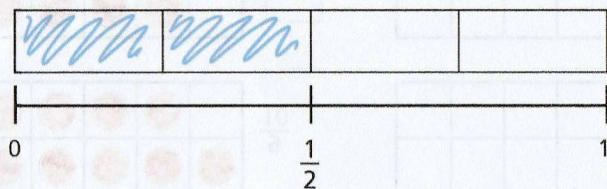# Equivalent fractions (2)

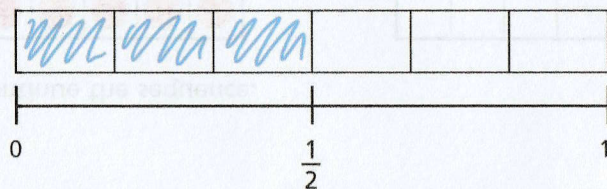1. Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.
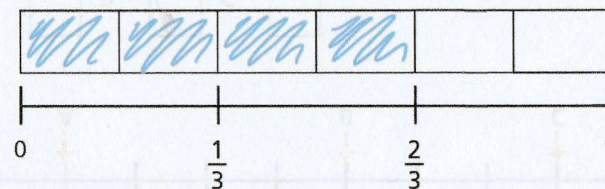
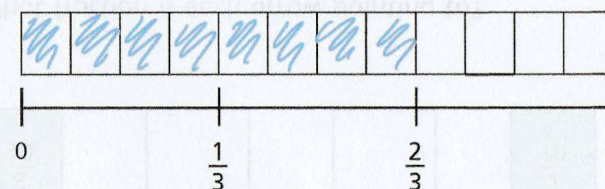c) Shade $\frac{3}{6}$ of the bar model.

d) What do you notice?

e) Write another fraction that is equivalent to $\frac{1}{2}$

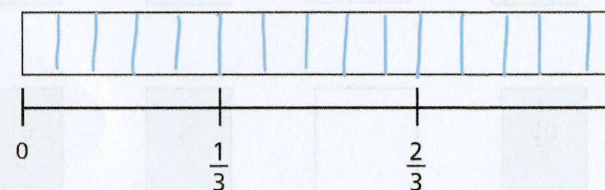2. Shade $\frac{2}{3}$ of each bar model.

a)

b)

c)

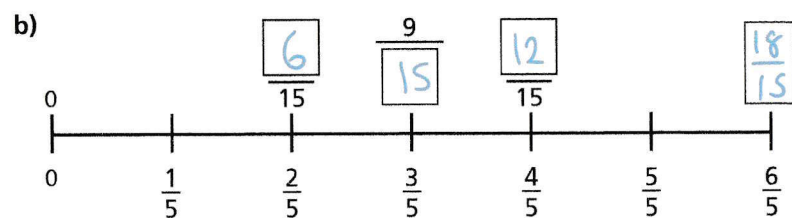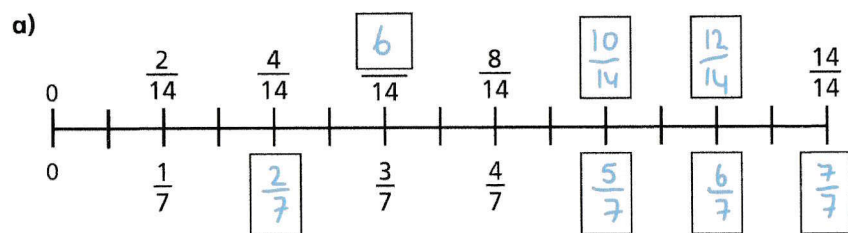d) Use your answers to parts a), b) and c) to complete the equivalent fractions.
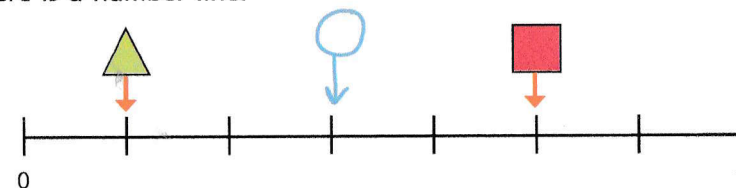
$$\frac{2}{3} = \frac{4}{6} = \frac{8}{12} = \frac{10}{15}$$

5 Here is a number line.

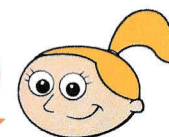**a)** What fraction is each shape pointing to?

△ = $\frac{1}{7}$ ■ = $\frac{5}{7}$

b) A circle is halfway between the triangle and the square.

Draw the circle on the number line.

c)

> The circle is pointing to $\frac{9}{21}$

Do you agree with Eva? __Yes__

Show how you worked this out.

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4 Find the missing numbers.

a)

$\frac{2}{14}$ $\frac{4}{14}$ $\boxed{\frac{6}{14}}$ $\frac{8}{14}$ $\boxed{\frac{10}{14}}$ $\boxed{\frac{12}{14}}$ $\frac{14}{14}$

$\frac{1}{7}$ $\boxed{\frac{2}{7}}$ $\frac{3}{7}$ $\frac{4}{7}$ $\boxed{\frac{5}{7}}$ $\boxed{\frac{6}{7}}$ $\boxed{\frac{7}{7}}$

b)

$\boxed{\frac{6}{15}}$ $\frac{9}{\boxed{15}}$ $\boxed{\frac{12}{15}}$ $\boxed{\frac{18}{15}}$

$\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{5}{5}$ $\frac{6}{5}$