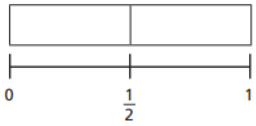
7.2.22

LO – I understand unit and non-unit fractions.

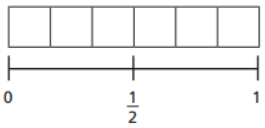
1.

Shade the bar models to represent the fractions.

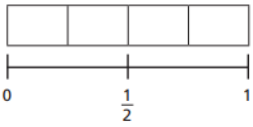
a) Shade $\frac{1}{2}$ of the bar model.



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



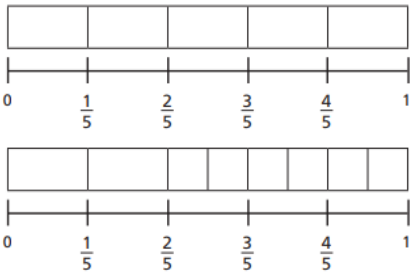
b) Shade $\frac{2}{4}$ of the bar model.

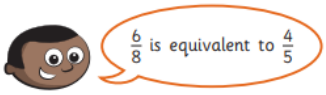


d) What do you notice?

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

2. Mo is finding equivalent fractions.



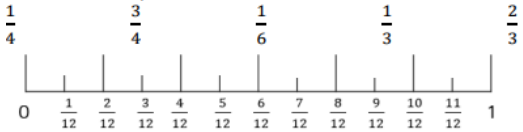


Do you agree with Mo?

Explain your answer.

3.

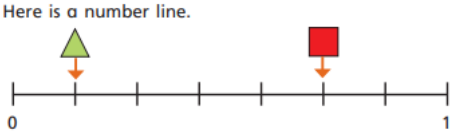
Place these equivalent fractions on the number line.



Are there any other equivalent fractions you can identify on the number line?

4.

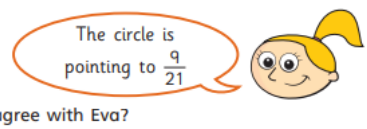
Here is a number line.



a) What fraction is each shape pointing to?

b) A circle is halfway between the triangle and the square.
Draw the circle on the number line.

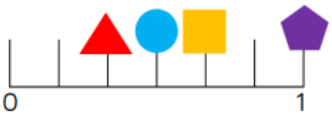
c)



Do you agree with Eva?

Show how you worked this out.

d) Write three equivalent fractions for each shape.
Compare answers with a partner.



Use the clues to work out which fraction is being described for each shape.

- My denominator is 6 and my numerator is half of my denominator.
- I am equivalent to $\frac{4}{12}$
- I am equivalent to one whole
- I am equivalent to $\frac{2}{3}$

Can you write what fraction each shape is worth? Can you record an equivalent fraction for each one?