



09.02.21

IALT: explore equivalent fractions (R).

What does equivalent mean?

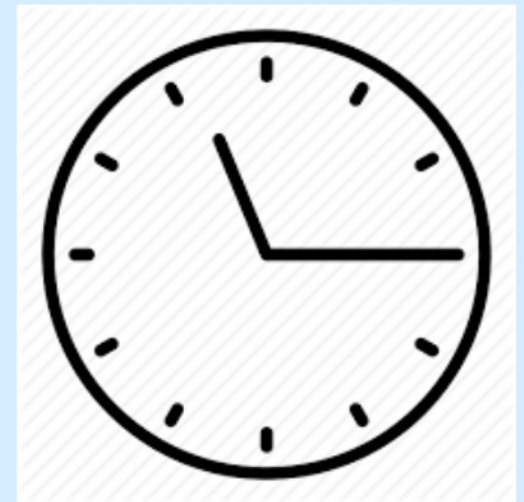
Complete the equivalent fractions:

$\frac{1}{4} = \frac{\square}{8}$	$\frac{1}{2} = \frac{\square}{4}$
$\frac{4}{6} = \frac{\square}{12}$	$\frac{2}{3} = \frac{\square}{6}$

Bus Stop Division: $612 \div 3$

Long Multiplication: 396×4

Challenge:



<https://www.topmarks.co.uk/maths-games/daily10>



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IALT: explore equivalent fractions (R).

What does equivalent mean?

equal or the same as

Complete the equivalent fractions:

$\frac{1}{4} = \frac{[2]}{8}$	$\frac{1}{2} = \frac{[2]}{4}$
$\frac{4}{6} = \frac{[8]}{12}$	$\frac{2}{3} = \frac{[4]}{6}$

Bus Stop Division: $612 \div 3$ 204

1584

Long Multiplication: 396×4

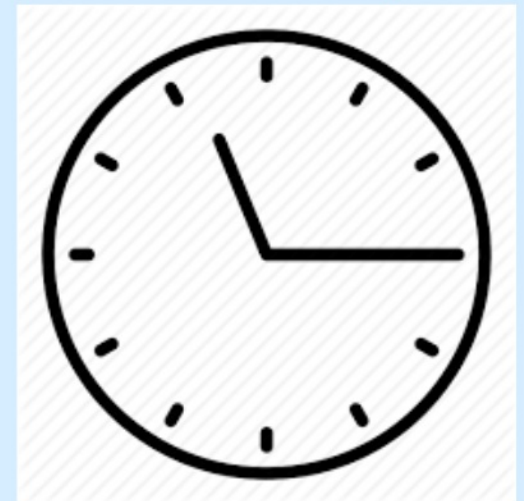
<https://www.topmarks.co.uk/maths-games/daily10>

11:15

OR

Quarter past 11

Challenge:



Daily Counting

halves

thirds

quarters



Recap

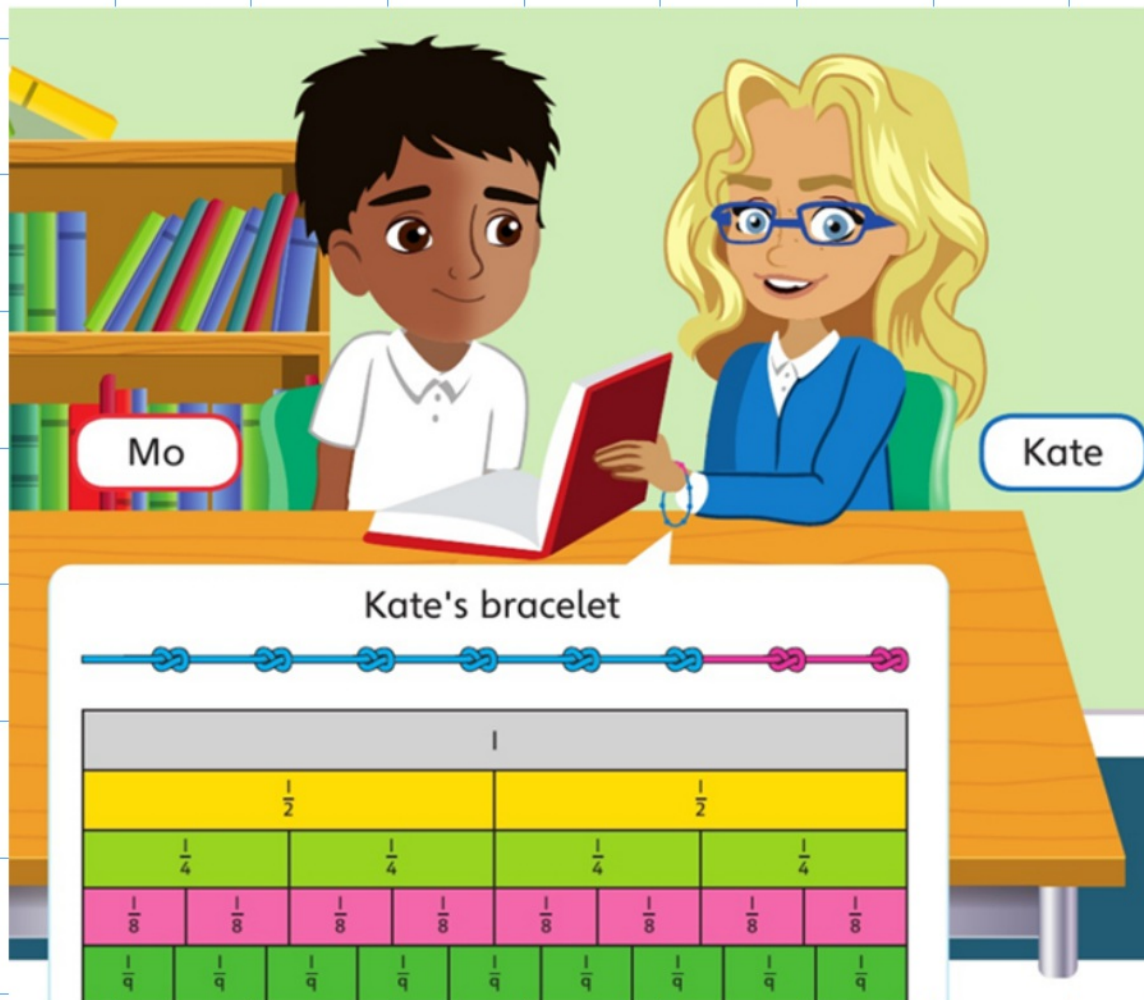
What do these words mean?

EQUIVALENT

INTERVAL

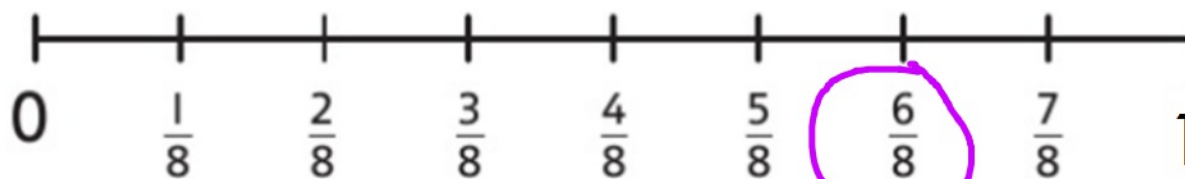
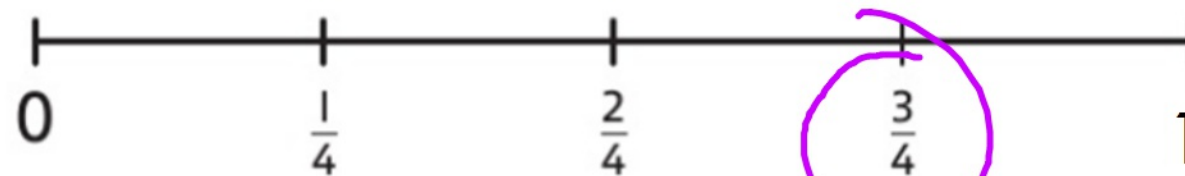
How do you identify fractions on a numberline?



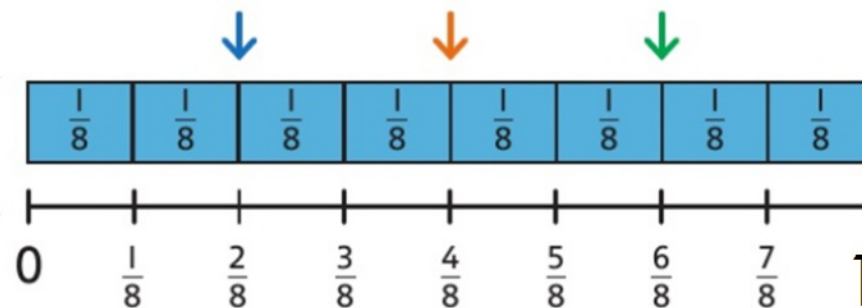
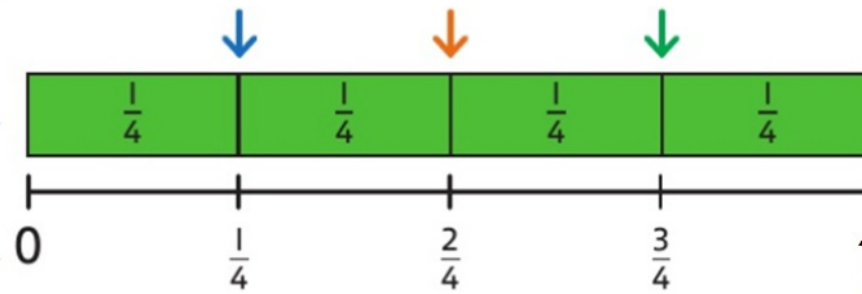
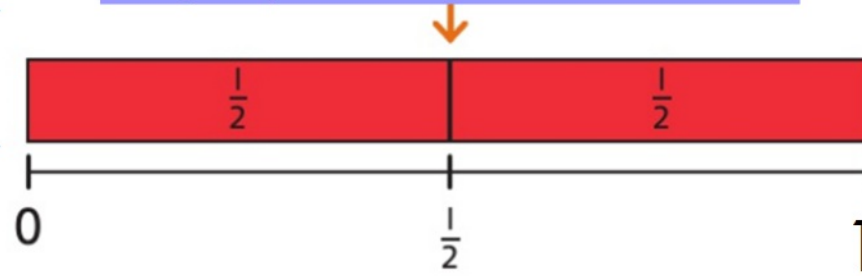


$\frac{3}{4}$ of Kate's bracelet is blue.

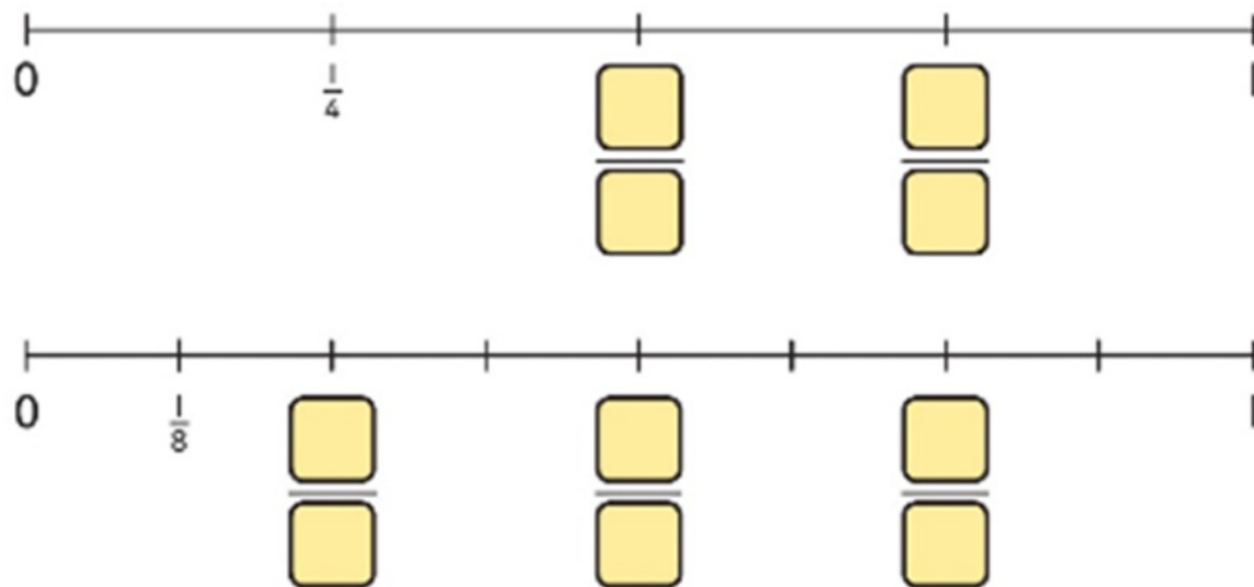
What other fraction on the fraction wall is equivalent to $\frac{3}{4}$?



The number lines represents 1 whole
Can you spot the equivalent fractions?



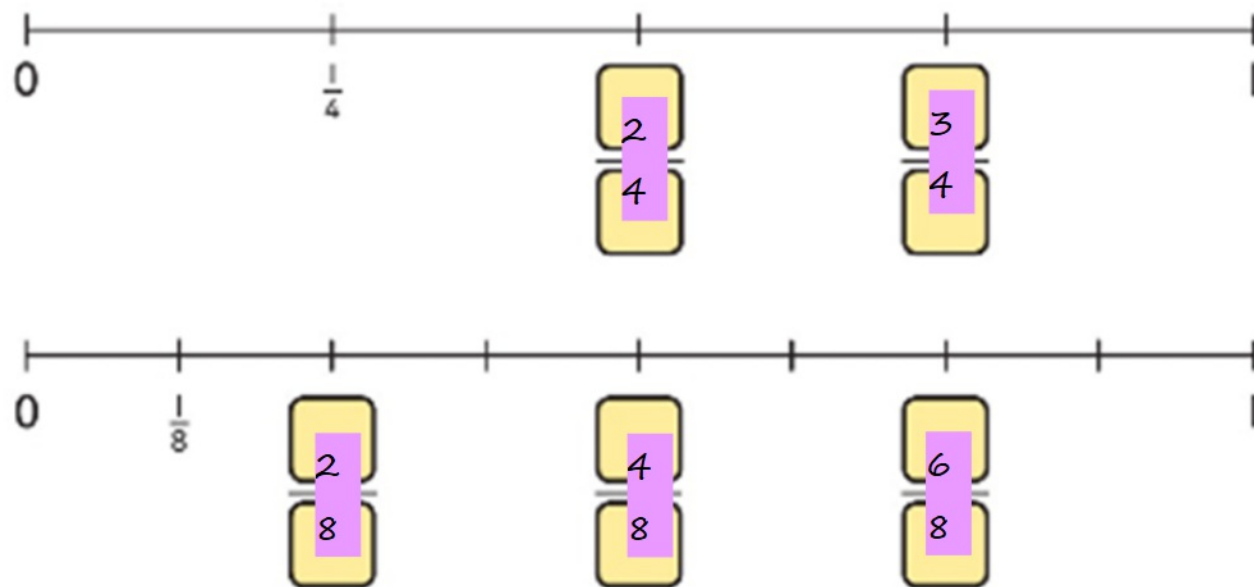
Where can we see the fraction $\frac{1}{4}$? Can we see any equivalent fractions?



The number line represents 1 whole

$$\frac{1}{4} = \frac{\boxed{}}{\boxed{}} \quad \frac{2}{4} = \frac{\boxed{}}{\boxed{}} \quad \frac{3}{4} = \frac{\boxed{}}{\boxed{}}$$

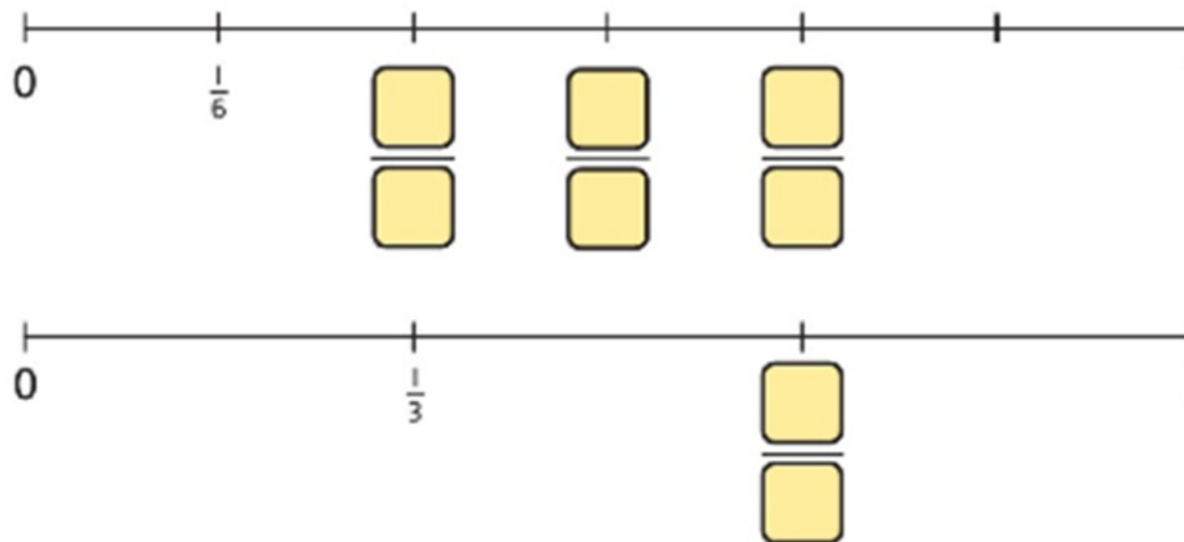
Where can we see the fraction $\frac{1}{4}$? Can we see any equivalent fractions?



The number line represents 1 whole

$$\frac{1}{4} = \frac{2}{8} \quad \frac{2}{4} = \frac{4}{8} \quad \frac{3}{4} = \frac{6}{8}$$

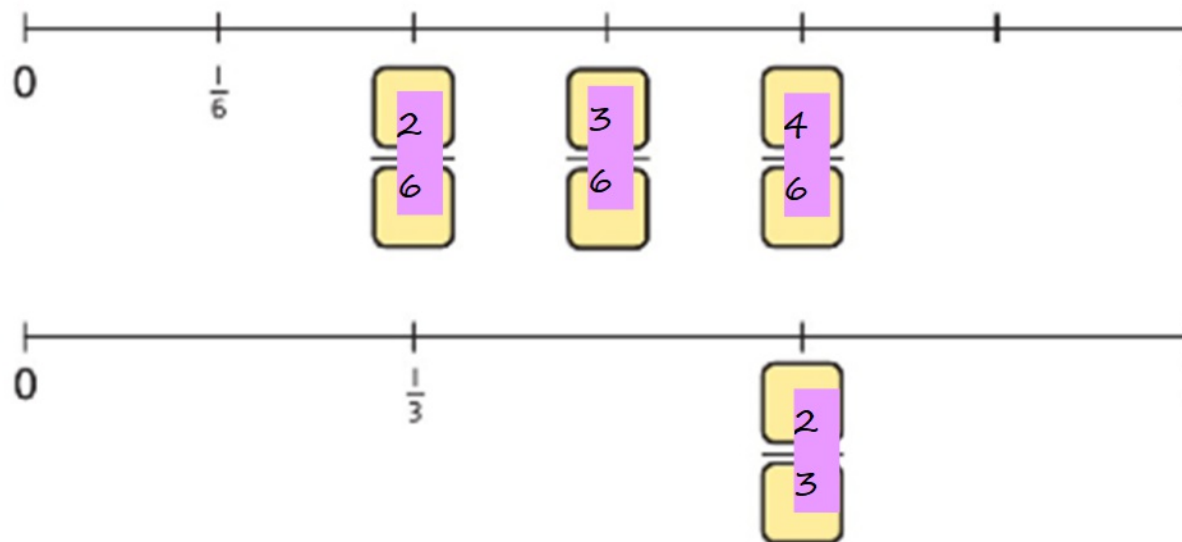
Where can we see the fraction $\frac{2}{6}$? Can we see any equivalent fractions?



The number line represents 1 whole

$$\frac{2}{6} = \frac{\boxed{}}{\boxed{}} \quad \frac{3}{6} = \frac{\boxed{}}{\boxed{}} \quad \frac{4}{6} = \frac{\boxed{}}{\boxed{}}$$

Where can we see the fraction $\frac{2}{6}$? Can we see any equivalent fractions?



The number line represents 1 whole

$$\frac{2}{6} = \frac{1}{3} \quad \frac{3}{6} = \frac{1}{2} \quad \frac{4}{6} = \frac{2}{3}$$

Book Presentation

Draw a line down the centre of your book

$$\frac{1}{2} = \frac{2}{4}$$



Leave a line

$$\frac{3}{4} = \frac{6}{8}$$

$$\frac{5}{10} = \frac{1}{2}$$



Leave a line

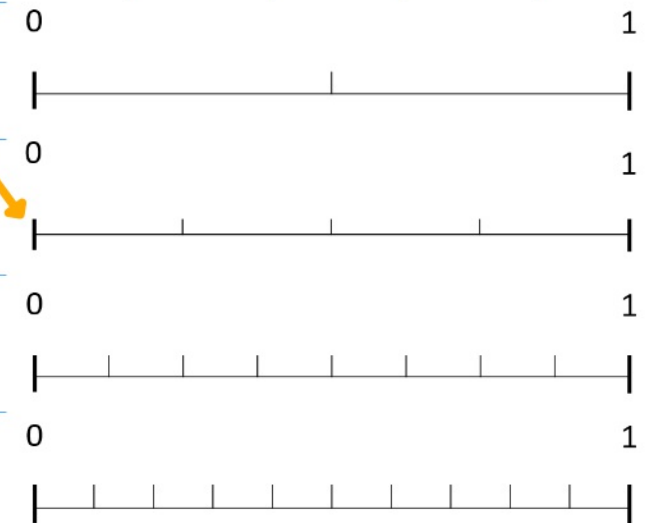
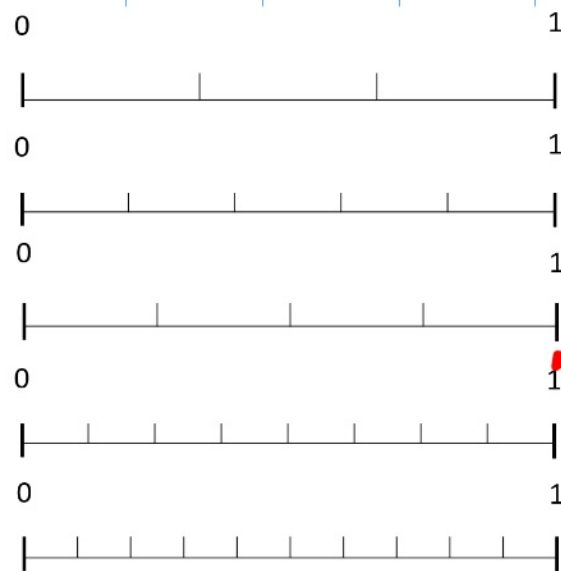
Task: use the number lines to indentify equivalent fractions

Write the missing fractions and find the following equivalent fractions

$$\frac{1}{2} = \frac{\boxed{}}{\boxed{}} \quad \frac{1}{2} = \frac{\boxed{}}{\boxed{}} \quad \frac{2}{4} = \frac{\boxed{}}{\boxed{}} \quad \frac{2}{4} = \frac{\boxed{}}{\boxed{}} \quad \frac{2}{8} = \frac{\boxed{}}{\boxed{}} \quad \frac{6}{8} = \frac{\boxed{}}{\boxed{}}$$

Write the missing fractions on the numberlines

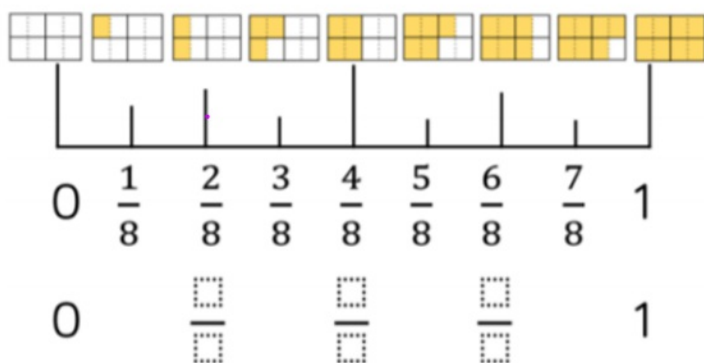
Find the fractions that are equivalent to $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$



Find the all equivalent fractions on the HOT numberlines

Mild:

Complete the missing equivalent fractions.



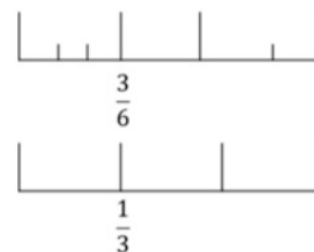
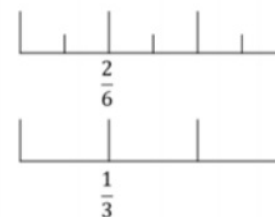
Spicy:

Alex and Tommy are using number lines to explore equivalent fractions.



$$\frac{2}{6} = \frac{1}{3}$$

Alex



Tommy

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



Who do you agree with? Explain why.

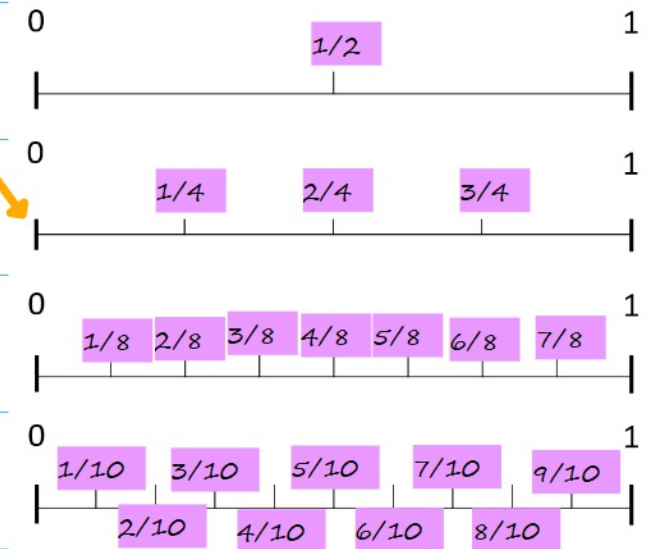
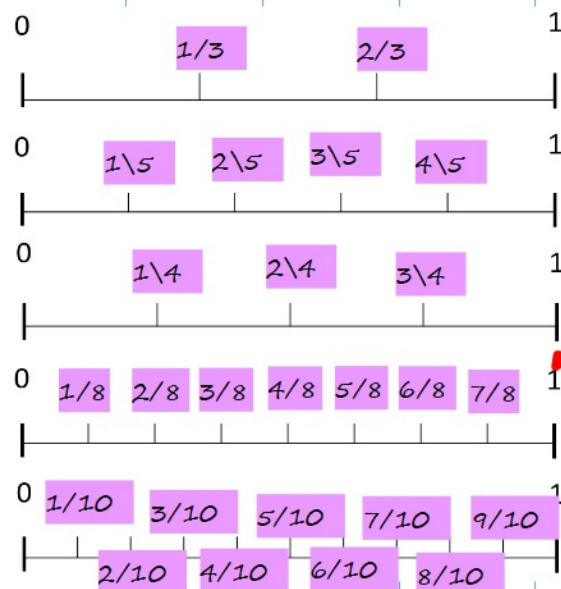
ANSWERS:

Write the missing fractions and find the following equivalent fractions

$$\frac{1}{2} = \frac{2}{4} \quad \frac{1}{2} = \frac{4}{8} \quad \frac{2}{4} = \frac{4}{8} \quad \frac{2}{4} = \frac{8}{16} \quad \frac{2}{8} = \frac{4}{16} \quad \frac{6}{8} = \frac{12}{16}$$

Write the missing fractions on the numberlines

Find the fractions that are equivalent to $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$

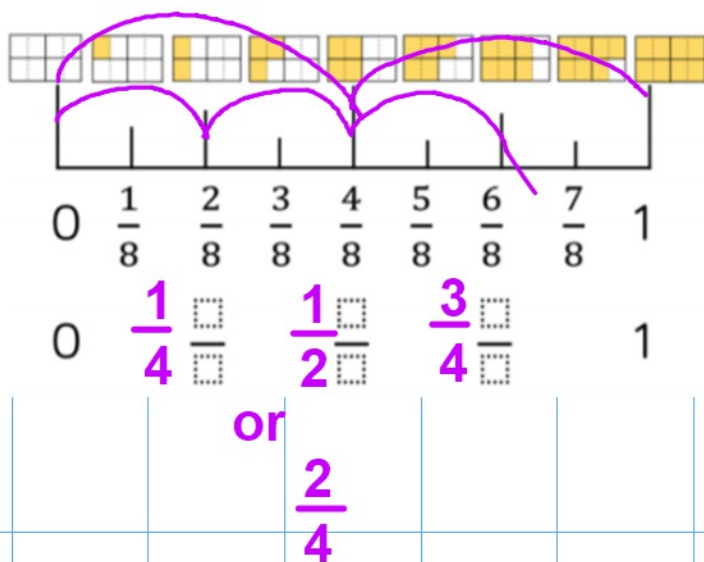


Find the all equivalent fractions on the HOT numberlines

ANSWERS:

Mild:

Complete the missing equivalent fractions.



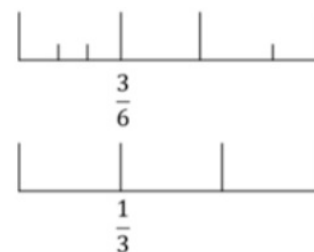
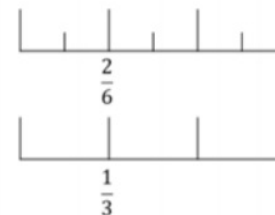
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Who do you agree with? Explain why.