# Chilli Challenges 1.3.21

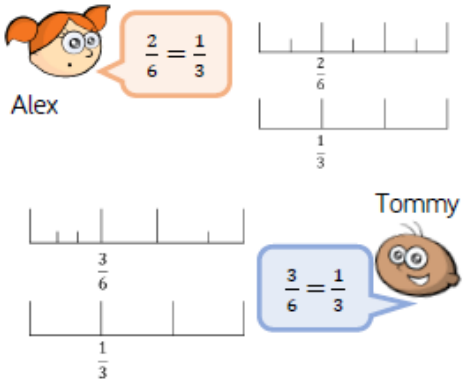
Answer at least one challenge question.

## Mild Chilli


A fraction can have more than one equivalent fraction.

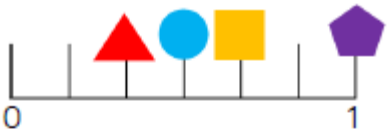
## Hot Chilli

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




Who do you agree with? Explain why.

## Spicy Chilli




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?


## Answers

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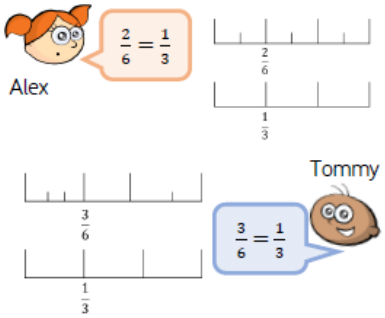
## True

A fraction can have many equivalent fractions.

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

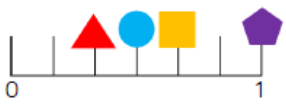
## Reasoning and Problem Solving

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




Who do you agree with? Explain why.

Alex is correct. Tommy's top number line isn't split into equal parts which means he cannot find the correct equivalent fraction.

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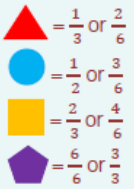
Can you write what fraction each shape is worth? Can you record an equivalent fraction for each one?


- Circle
- Triangle
- Square
- Pentagon




Accept other correct equivalences