

# Chilli Challenges - 23/2/21

Answer at least one challenge question.

## Mild Chilli

**True or False?** What is a fraction?

$\frac{3}{8}$  of the counters are yellow.

## Hot Chilli

Always, Sometimes, Never?

Alex says,

If I split a shape into 4 parts, I have split it into quarters.



Explain your answer.

## Spicy Chilli

Which representations of  $\frac{4}{5}$  are incorrect?

Explain how you know.

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## Answers

True

$\frac{3}{8}$  of the counters are yellow and  $\frac{5}{8}$  of the counters are red.

### Reasoning and Problem Solving

#### Always, Sometimes, Never?

Alex says,

If I split a shape into 4 parts, I have split it into quarters.



Explain your answer.

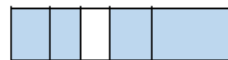
Sometimes

If the shape is not split equally, it will not be in quarters.

Which representations of  $\frac{4}{5}$  are incorrect?



$\frac{4}{5}$



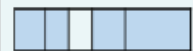
Explain how you know.

The image of the dogs could represent  $\frac{2}{5}$  or  $\frac{3}{5}$



The bar model is not divided into equal parts so this does not represent

$\frac{4}{5}$



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