

Chilli Challenges - 2.3.21

Answer at least one challenge question.

Mild Chilli - True or False

$$\frac{4}{12} = \frac{3}{9}$$

Hot Chilli

How many equivalent fractions can you see in this picture?



Spicy Chilli

Eva says,



I know that $\frac{3}{4}$ is equivalent to $\frac{3}{8}$ because the numerators are the same.

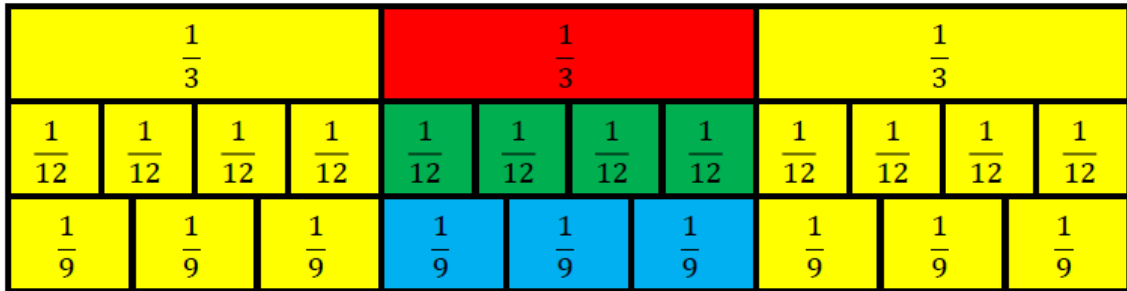
Is Eva correct?
Explain why.

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Answers

True

Both fractions are also equal to $\frac{1}{3}$



Equivalent Fractions (1)

Reasoning and Problem Solving

How many equivalent fractions can you see in this picture?



Children can give a variety of possibilities. Examples:

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

$$\frac{1}{4} = \frac{3}{12}$$

Eva says,



I know that $\frac{3}{4}$ is equivalent to $\frac{3}{8}$ because the numerators are the same.

Is Eva correct?
Explain why.

Eva is not correct. $\frac{3}{4}$ is equivalent to $\frac{6}{8}$. When the numerators are the same, the larger the denominator, the smaller the fraction.