Year 6

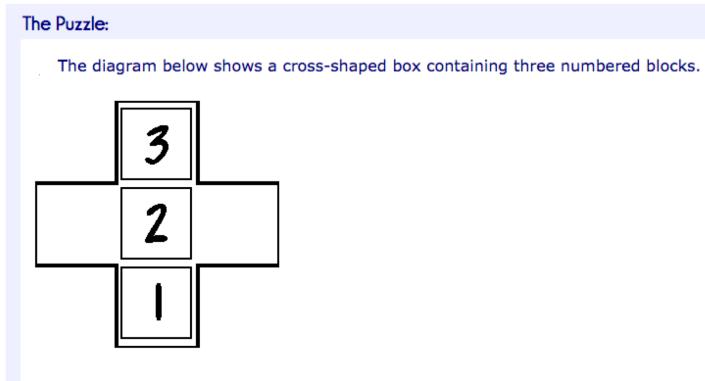
Monday 4th May 2020 Maths

LO: to simplify fractions

<u>Please note: this link only works on either pdf or the link above this powerpoint.</u> <u>The video lesson is available here – Summer Term - Week 3 - lesson 1</u>



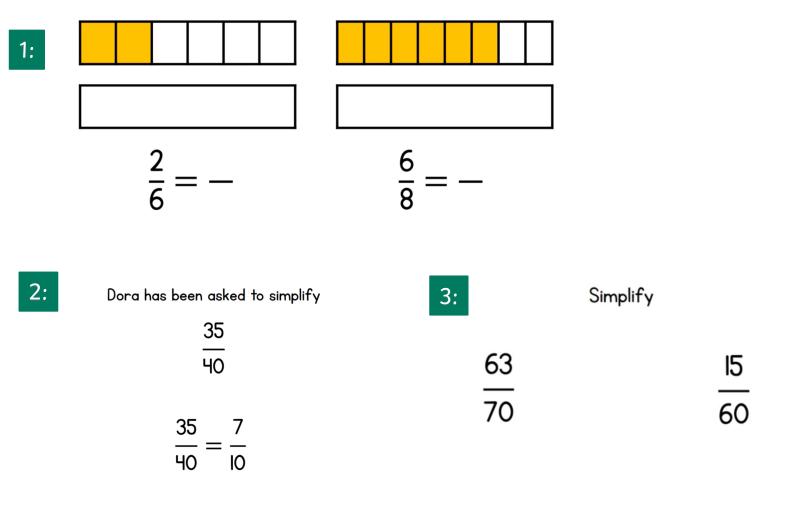




The puzzle is to slide the blocks around the box until the numbers read 1,2,3 as you go down.

How do you do it? And how many moves does it take?

Simplify the fractions using the bar models.



Is she correct?





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This will teach you everything you need to know about simplifying fractions.

The independent work continues on the next two slides.

Simplify fractions

1

1 $\frac{1}{2}$ $\frac{1}{2}$ <u>1</u> 3 <u>1</u> 3 3 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ <u>1</u> 5 $\frac{1}{5}$ <u>1</u> 5 <u>1</u> 5 <u>1</u> 5 <u>1</u> 6 $\frac{1}{6}$ $\frac{1}{6}$ <u>1</u> 6 <u>1</u> 6 <u>1</u> 6 $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ + $\frac{1}{8}$ <u>1</u> 8 <u>1</u> 8 $\frac{1}{8}$ $\frac{1}{8}$ <u>1</u> 8 $\frac{1}{8}$ $\frac{1}{8}$ 1 $\frac{1}{9}$ 1 1 <u>1</u> 9 <u>1</u> 9 1 9 9 9 9 9 9 $\frac{1}{10}$ 1 10 $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

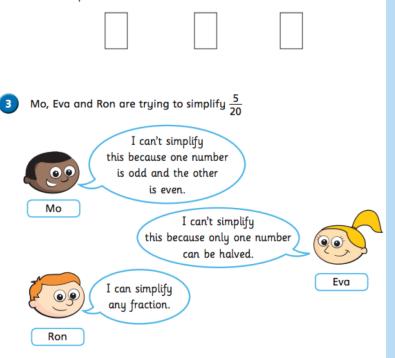
Use the fraction wall to write each fraction in its simplest form.



a) Use a fraction wall to explain why $\frac{7}{10}$ does not simplify.

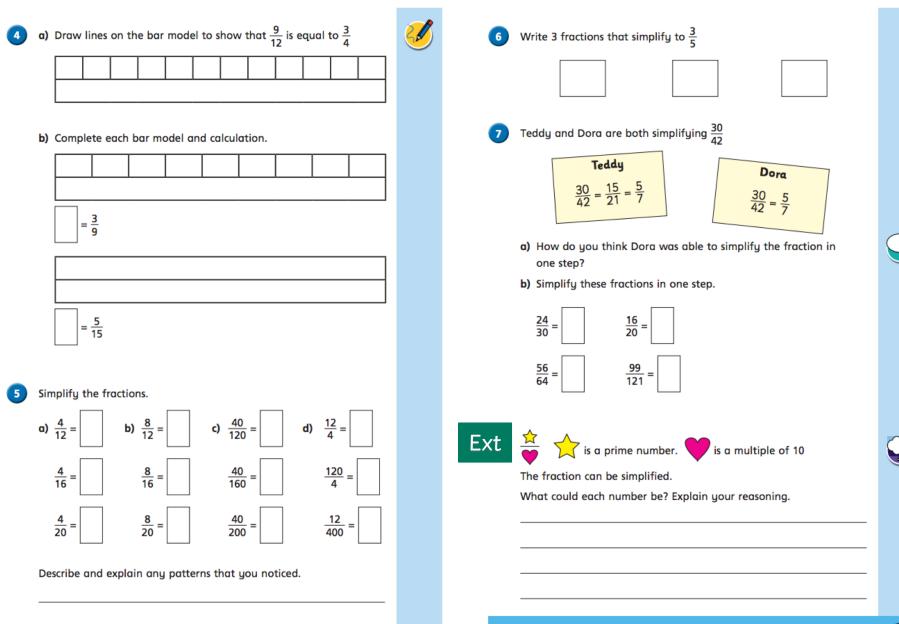
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b) Find three more fractions on the fraction wall that cannot be simplified.



Do you fully agree, partly agree or completely disagree with each person?

Talk to a partner.



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