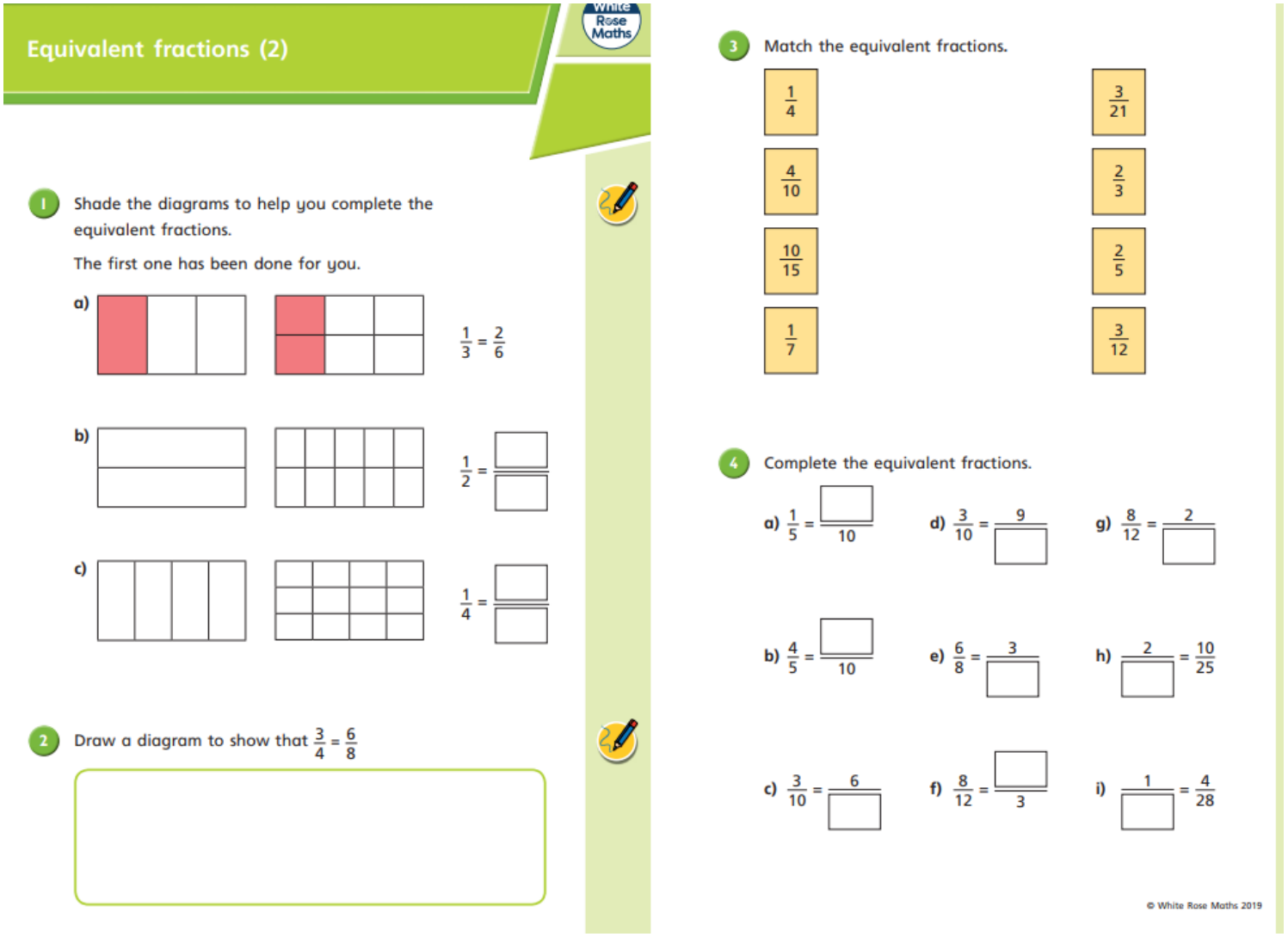
Wednesday 20th May 2020 **Maths Y4**

Hello Year 4s, For today's maths, go to https://whiterosemaths.com/homelearning/year-3 Summer Term – Week 5– **Lesson 3** and watch the video **'Equivalent Fractions 2'** and try the activity. Then go to https://www.bbc.co.uk/bitesize/articles/zfc98xs for a teaching video and activities to practise simplifying fractions.



Equivalent fractions (2)

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1 Shade the diagrams to help you complete the equivalent fractions.

The first one has been done for you.

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

b) $\frac{1}{2} = \frac{\square}{\square}$

c) $\frac{1}{4} = \frac{\square}{\square}$

2 Draw a diagram to show that $\frac{3}{4} = \frac{6}{8}$

3 Match the equivalent fractions.

$\frac{1}{4}$	$\frac{3}{21}$
$\frac{4}{10}$	$\frac{2}{3}$
$\frac{10}{15}$	$\frac{2}{5}$
$\frac{1}{7}$	$\frac{3}{12}$

4 Complete the equivalent fractions.

a) $\frac{1}{5} = \frac{\square}{10}$ d) $\frac{3}{10} = \frac{9}{\square}$ g) $\frac{8}{12} = \frac{2}{\square}$

b) $\frac{4}{5} = \frac{\square}{10}$ e) $\frac{6}{8} = \frac{3}{\square}$ h) $\frac{2}{\square} = \frac{10}{25}$

c) $\frac{3}{10} = \frac{6}{\square}$ f) $\frac{8}{12} = \frac{\square}{3}$ i) $\frac{1}{\square} = \frac{4}{28}$

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5 **a)** Write the fractions in the correct place on the sorting diagram.

$\frac{8}{24}$	$\frac{3}{12}$	$\frac{5}{15}$	$\frac{6}{24}$	$\frac{4}{12}$	$\frac{9}{36}$	$\frac{3}{9}$	$\frac{4}{16}$

	equivalent to $\frac{1}{3}$	equivalent to $\frac{1}{4}$
odd denominator		
even denominator		

b) Are any of the boxes empty?

Why do you think this is?

Talk about your answer with a partner.

6 Find three ways to make the fractions equivalent.

a) $\frac{2}{\square} = \frac{4}{\square}$ $\frac{2}{\square} = \frac{4}{\square}$ $\frac{2}{\square} = \frac{4}{\square}$

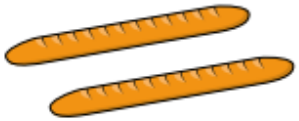
b) $\frac{1}{\square} = \frac{4}{\square}$ $\frac{1}{\square} = \frac{4}{\square}$ $\frac{1}{\square} = \frac{4}{\square}$

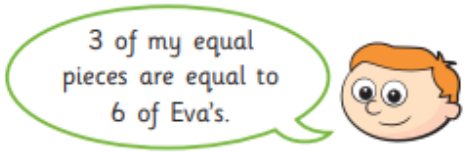
c) $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$

7 Eva and Ron have a baguette each.

The baguettes are the same size.

Eva cuts her baguette into 8 equal pieces.





How many equal pieces has Ron cut his baguette into?

Ron has cut his baguette into ☐ equal pieces.