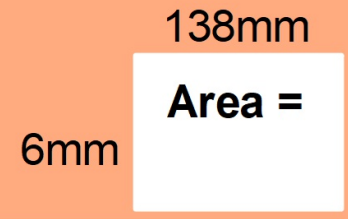
4.2.2021 Quick Maths

A

- 1/4 of 12 =
- Double 26
- Halve 142
- 12 + 38 =
- 164 ÷ 4 =

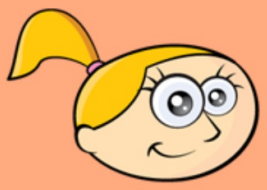
B

- 1/6 of 48 =
- 147 x 3 =
- 108 ÷ 9 =
- 12 x 3 x 5 =

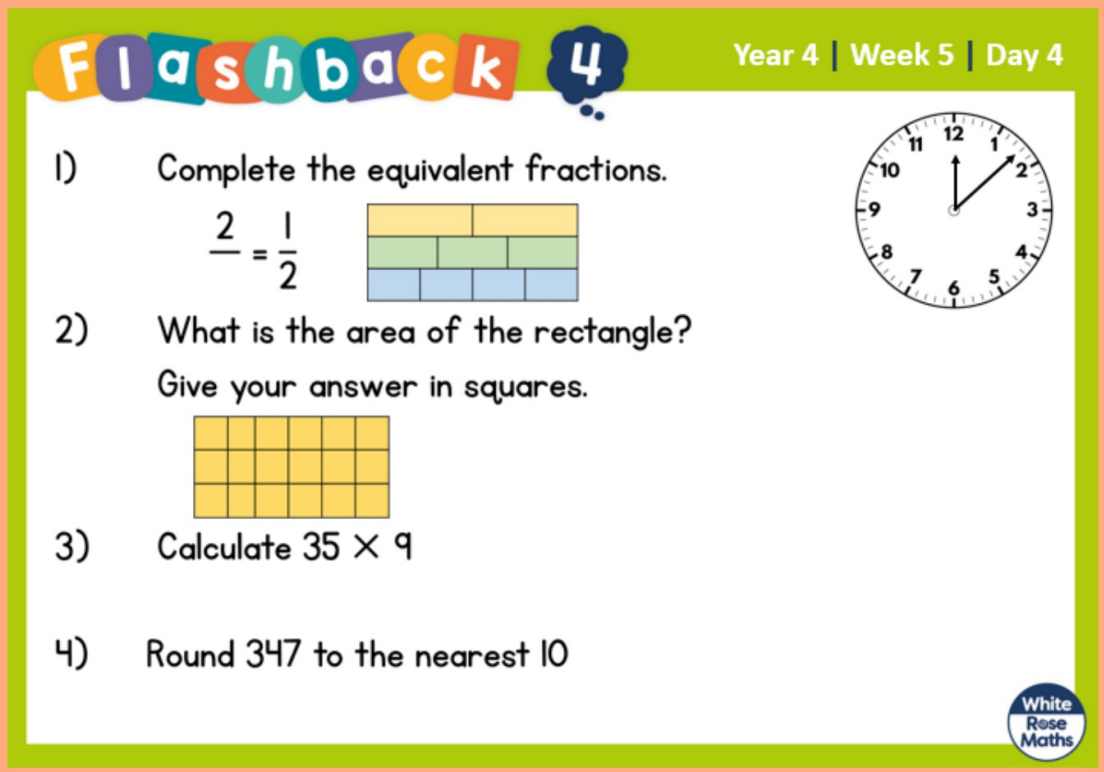


Challenge

1 8 4 2



- The Hundreds digit is double the Thousands digit.
- My number rounds up to the nearest thousand.
- What is my number?
- Are there any alternatives?



What we covered last lesson...

Equivalent fractions are fractions with different numerators and denominators that represent the same value.

Jake

Emma

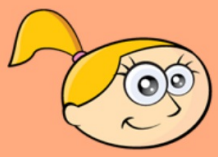
Equivalent fractions are fractions that have a denominator of 1.

Equivalent fractions are fractions that have a numerator of 1.

Stacey

Who is correct? Can you explain why?

What we covered last lesson...



Emma

1/2 is greater than 2/4

2/4 is greater than 1/2

Stacey

Jake

1/2 and 2/4 are equivalent fractions, so are the same value.

EQUIVALENT FRACTIONS 2

Learning Objective:

Today I am learning to

- recognise and understand equivalent fractions
- be able to create equivalent fractions

Key Vocabulary

- fraction
- unit
- non-unit
- numerator
- denominator
- out of
- parts
- equal

WR Slides

Success Criteria

I will be successful if I can

- recognise unit fractions and non-unit fractions
- calculate fractions of numbers
- develop my reasoning skills

Show me what you know...

Please attempt the ABC Worksheet now. Remember the key concepts that we have covered in this lesson and previous lessons.

Check your answers.

Check for number reversals.

Show me your best presentation!

Challenge

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

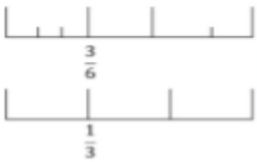
c) $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$

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

Alex

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

Tommy

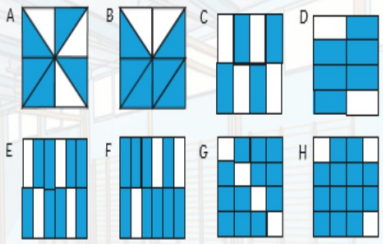


$\frac{3}{6} = \frac{1}{3}$

Who do you agree with? Explain why.

Laura has drawn some shaded squares.

Which squares are equivalent to $\frac{1}{4}$?



True or False?

Equivalent fractions (2)

$$\frac{6}{27} = \frac{16}{72}$$

White Rose Maths