#LIFEworkbalance

We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the survey on our website and share it with your colleagues!

Year 3 – Summer Block 1 – Fractions – Equivalent Fractions 1

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 3: (3F2) Recognise and show, using diagrams, equivalent fractions with small denominators

More Year 3 Fractions resources.

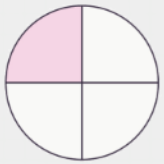
Did you like this resource? Don't forget to review it on our website.

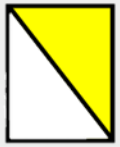
Step 1:
Equivalent Fractions 1

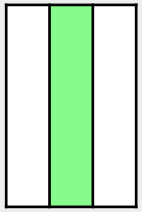
Introduction

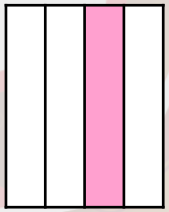
Match the images to these fractions:

$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{3}$







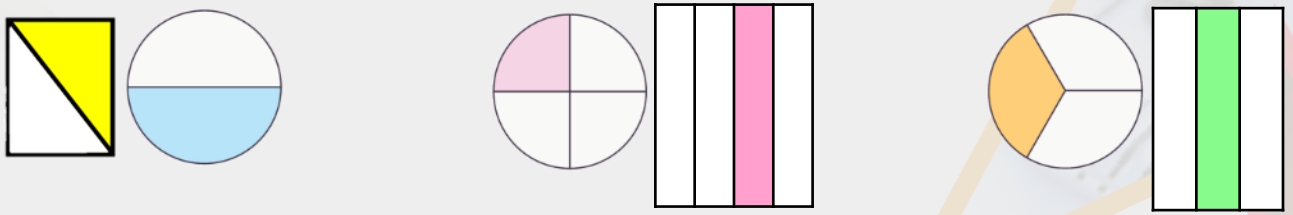


Do they all match up? Explain why.

Introduction

Match the images to these fractions:

$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{3}$

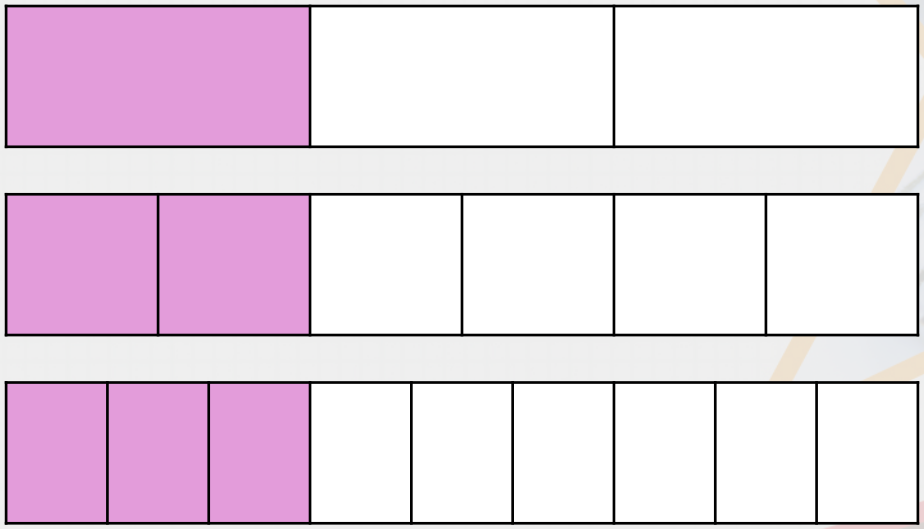


Do they all match up? Explain why/why not.

This shape does not match as it has not been split into 2 equal parts.

Varied Fluency 1

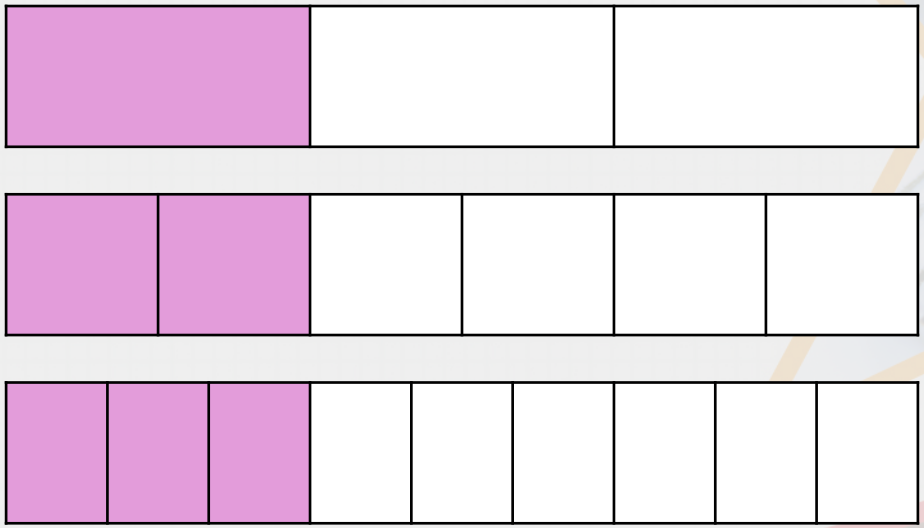
Complete the statement to match the image.



$$\frac{\square}{\square} = \frac{\square}{\square} = \frac{\square}{\square}$$

Varied Fluency 1

Complete the statement to match the image.

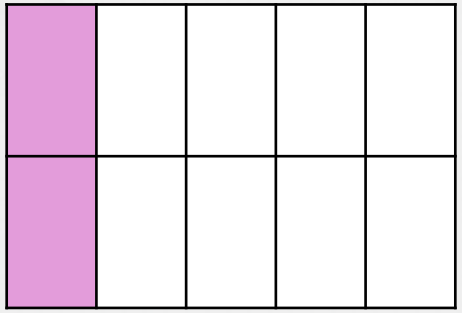


$$\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$$

Varied Fluency 2

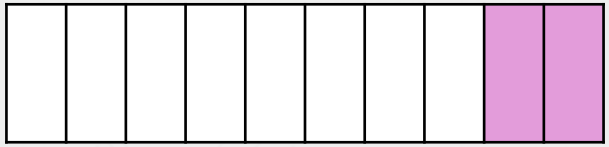
Which shapes show equivalent fifths?

Shape A



Shape B

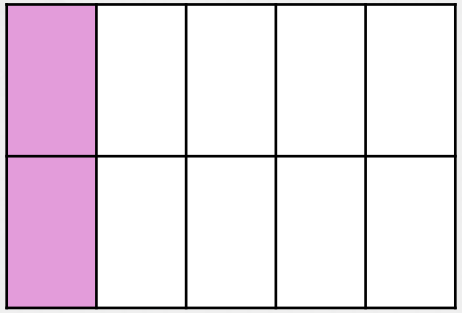
Shape C



Varied Fluency 2

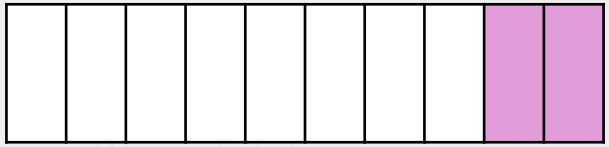
Which shapes show equivalent fifths?

Shape A



Shape B

Shape C



Varied Fluency 3

Circle the pair of equivalent fractions.

$\frac{1}{5}$ $\frac{1}{8}$ $\frac{3}{15}$ $\frac{2}{4}$

Varied Fluency 3

Circle the pair of equivalent fractions.

$\frac{1}{5}$ $\frac{1}{8}$ $\frac{3}{15}$ $\frac{2}{4}$

Varied Fluency 4

Complete the statements.

$$\frac{1}{6} = \frac{\square}{24} \qquad \frac{1}{10} = \frac{\square}{30}$$

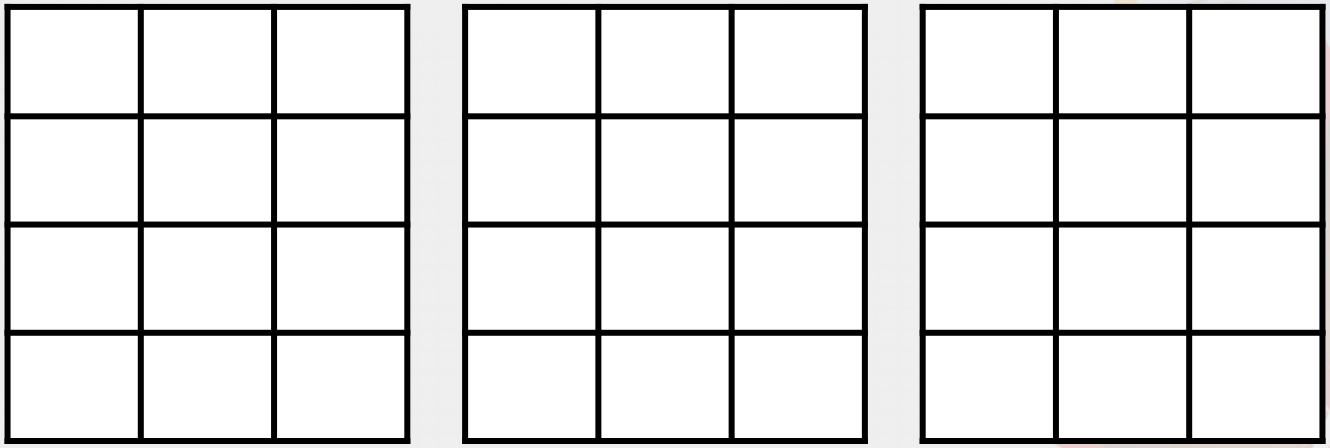
Varied Fluency 4

Complete the statements.

$$\frac{1}{6} = \frac{\boxed{4}}{24} \qquad \frac{1}{10} = \frac{\boxed{3}}{30}$$

Problem Solving 1

Find 3 different ways to colour in half of the same shape.

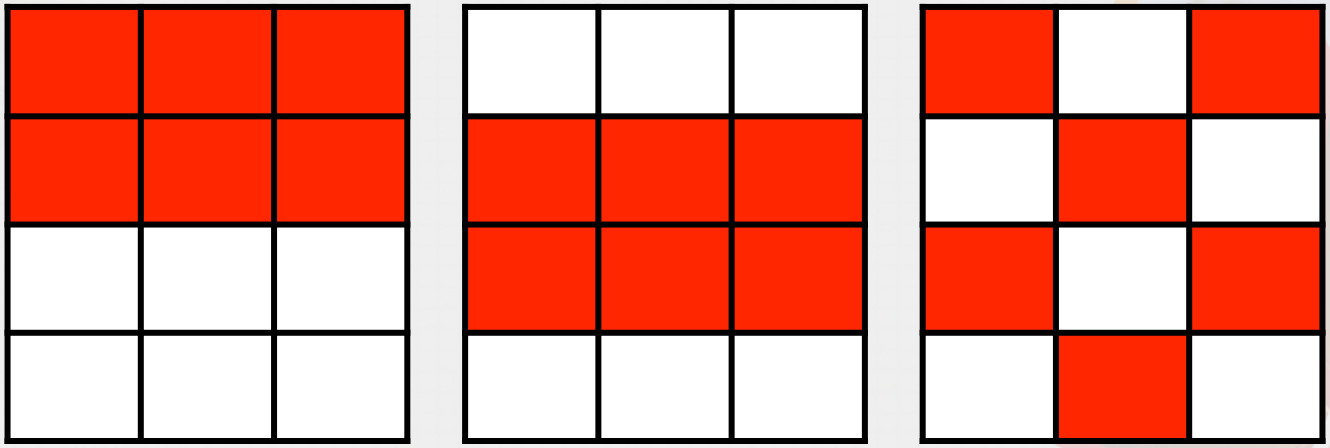


Complete this statement: $\frac{1}{2} = \frac{\square}{12}$

Problem Solving 1

Find 3 different ways to colour in half of the same shape.

Any 6 squares need to be coloured in each shape.



Complete this statement: $\frac{1}{2} = \frac{\boxed{6}}{12}$

Problem Solving 2

Sort the fractions into the correct circle. Are there any fractions that don't fit in the circles?

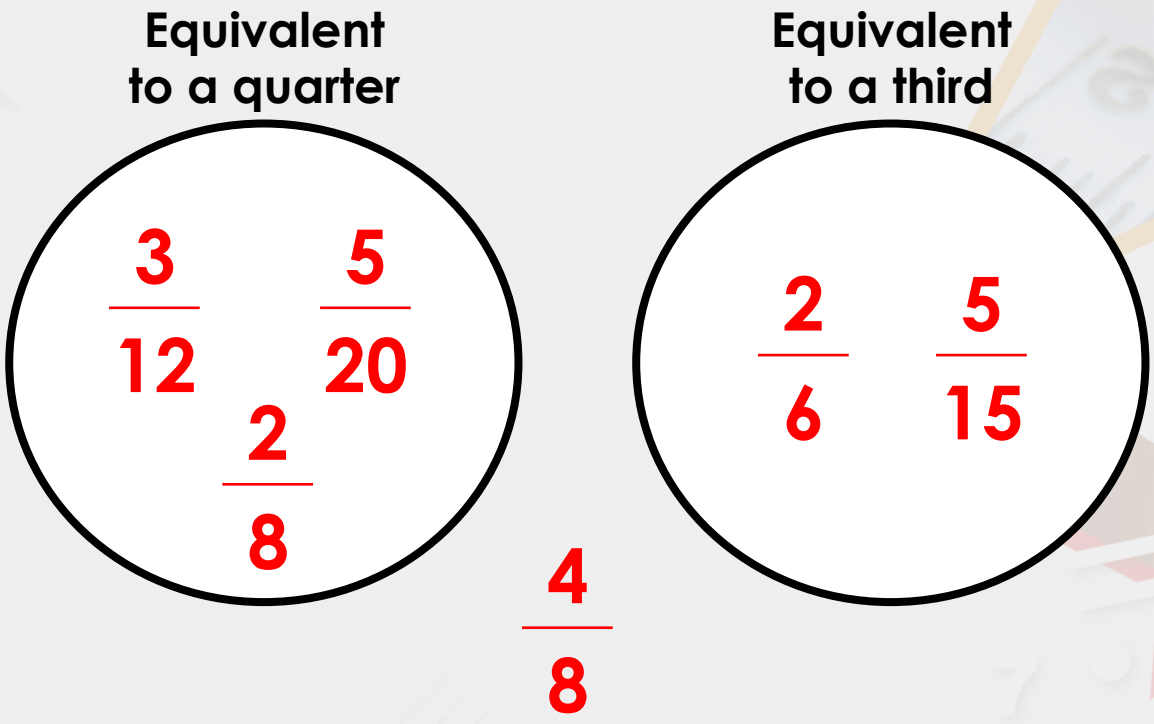
Equivalent to a quarter

Equivalent to a third

$\frac{2}{6}$ $\frac{2}{8}$ $\frac{4}{8}$ $\frac{3}{12}$ $\frac{5}{20}$ $\frac{5}{15}$

Problem Solving 2

Sort the fractions into the correct circle. Are there any fractions that don't fit in the circles?



Reasoning 1

Rose says,

I think that $\frac{1}{6}$ is equivalent to $\frac{3}{12}$.

Is she correct? Explain why.

Reasoning 1

Rose says,

I think that $\frac{1}{6}$ is equivalent to $\frac{3}{12}$.

Is she correct? Explain why.

Rose is not correct as I know that…

Rose says,

I think that $\frac{1}{6}$ is equivalent to $\frac{3}{12}$.

Is she correct? Explain why.

Rose is not correct as I know that one sixth is equivalent to two twelfths, not three twelfths.