## USING THESE SLIDES.

Recall- 5 min activity to recall children's knowledge
Guided practice-work through together, teaching the new skills.
Intelligent practice- 10 minute independent fluency activity.
Dive deeper- These activities should take the longest. Children should think deeper and reason their answers. E.g. This is the answer because... They may also prove their answer using a drawing, diagram etc.

## RECALL

1) Can you complete and write related facts for this part-part-whole.



## LEARNING HABITS?



Guided Practice: Recap
What do you know about a part-part- whole model ?
A Part + A part = A whole

A whole - a part = A part


Guided Practice:
What related facts do we know from this part whole?
Remember:
A Part + A part = A whole
A whole - a part $=A$ part


Guided Practice:
Can you identify the parts and the whole for this calculation?
$12+4=16$

Guided Practice
We can use this to help us write related facts

$$
\begin{aligned}
& \frac{12}{\text { Parc }}+\frac{4}{\rho_{a} a^{2}}=\frac{16}{\text { ono }} \\
& 4+12=16 \\
& 16-12=4 \\
& 16-4=12
\end{aligned}
$$

Guided Practice: your turn Have a go at writing related facts using this calculation


Remember:

$$
\begin{aligned}
& \text { A part }+ \text { a part }=\text { a whole } \\
& \text { A whole }- \text { a part }=\text { a part }
\end{aligned}
$$

Remember to switch the parts to find
calculations.

Guided Practice: your turn
Have a go at writing related facts using this calculation


Guided Practice: your turn
Have a go at writing related facts using this calculation


When we subtract we start with the whole. The whole is the biggest number.
Remember:

$$
\begin{aligned}
& \text { A part + a part = a whole } \\
& \text { A whole - a part = a part }
\end{aligned}
$$

Remember to switch the parts to find $a_{n} p^{2}$ )) calculations.

Guided Practice: your turn
Have a go at writing related facts using this calculation


When we subtract we start with the whole. The whole is the biggest number.
Remember:

$$
\begin{aligned}
& \text { A part }+ \text { a part }=\text { a whole } \\
& \text { A whole }- \text { a part }=\text { a part }
\end{aligned}
$$

Remember to switcb the parts to find $a_{n} r^{\prime}$ )) calculations.

## INTELLIGENT PRACTICE



## Remember:

A Part + A part = A whole
A whole - a part $=$ A pari

## DIVE DEEPER 1:

True or false?


The bar model shows $9-6=15$

INTELLIGENT PRACTICE

## DIVE DEEPER 1: <br> True or false?



The bar model shows $q \underset{p}{\downarrow} 6=15$
$9+6=15$

## SELF-ASSESSMENT

L.O. To find related facts 25.01.2021

Some will even: Find more than 2 related facts.
Some will: Find 2 related facts from a calcualtion
Most will: find the parts and whole of a calculation.
All will: know what a part-part whole model is.

