For the grown-ups!

Find the Difference

Notes and Guidance

Children explore finding the difference as a form of subtraction. They often struggle with this concept because both parts are given.

Children could use their skills of counting back and counting on to help them find the difference. Alternatively, they can make both amounts and visually see how many more/less a number is.

Mathematical Talk

Who has more? How do you know? How many more does Whitney have?

What does difference mean? Which is most? How do you know? What strategy can we use to help us find the difference?

What image/resource can we use to show this?

How can we complete the sentences?

Varied Fluency

How many more cakes does Whitney have than Teddy?

Whitney

Teddy

Whitney has ___ more cakes than Teddy.

What's the difference between 10 and 6?

The difference between 10 and 6 is ___

$10 - 6 =$ ___

Eva has 7 sweets and Mo has 3 sweets.
How many more sweets does Eva have?
How can you show this using cubes, counters or as an image?

Eva has ___ more sweets than Mo.

The difference between 7 and 3 is ___

$7 - 3 =$ ___

Compare Statements (1)

Notes and Guidance

Children use the inequality symbols to compare statements. It is important that 'equal to' is also recapped at this stage with the correct language used.

Children should use concrete manipulatives and draw images to help them complete the statements.

Mathematical Talk

What does greater than mean?
How do we know that ___ + ___ is greater than ___?
What else can it be greater than?
What does less than mean?
How do we know that ___ + ___ is less than ___?
What else can it be less than?
What language is missing?
What steps do we need to take to help us complete the problem?

Varied Fluency

Complete the sentences.

$3 + 1$ is greater than ___
$3 + 1$ is greater than ___
$3 + 1$ is less than ___
$3 + 1$ is less than ___

One bird lays 3 eggs. Another bird lays 2 eggs.

Complete the sentence using greater than, less than or equal to.

2 plus 3 is _____ 6

Complete the number sentences.

___ + ___ is equal to 7

___ + 4 is less than 9

$5 +$ ___ is _____ 2

Compare Statements (2)

Notes and Guidance

Once children are able to compare a simple statement to an integer (whole number), they should begin to directly compare two calculations.

They should be exposed to both addition and subtraction calculations, and the symbols $<$, $>$ and $=$

It is important that children know what the 'equal to' sign means,

and that we can use it to show that two calculations are equal.

Mathematical Talk
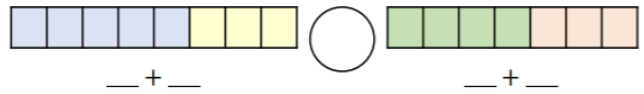
What's the same? What's different?

Do we always need to solve each calculation before we compare?

Which symbol should be used?

How can we prove that they are equal?

Varied Fluency

Complete using $<$, $>$ or $=$

__ + __   __ + __

__ − __   __ − __

Dora has 8 sweets and eats 4 of them.
Mo has 7 sweets and eats some of them.
They now have the same number of sweets.
Can you draw a picture to represent this?
Use your picture to help you complete the number sentences.

$$8 - 4 \bigcirc 7 - \text{\_\_}$$

$8 - 4$ is equal to $7 - \text{\_\_\_}$