### 4.7 Mathematical signs

Topic: Measurement
Subtopic: Length
Activity type/ skill: Using symbols
Literacy focus: Vocabulary

## Objective

- Recognise and understand the meaning of the most common mathematical signs.


## What you need

- Student worksheet (see next page)
- Audio track 4.7


## What to do

1. Look at the first page of the student worksheet and talk about the mathematical signs and the different words we can use to describe each one.
2. Talk about the ways the equations at the bottom of the page can be worded, for example, 21 minus 9 equals 12 , then have them write the name of the operation, for example, subtraction, on the line beside each one.
3. Write more equations for them to describe in words. Have them work in pairs to write equations for one another.
4. Look at the example at the top of the second page of the student worksheet and talk about the meaning of the word 'equation'.
5. Play track 4.7 (Track 3 for this topic) and have students listen and write the equations they hear using numbers and mathematical signs.
6. Have students do the puzzle at the bottom of the worksheet and help them if they have any difficulty. (The answer will always be 7.)

Answers:

| 1. $10+9=19$ | $2.3 \times 6=18$ |
| :--- | :--- |
| 3. $18-5=3$ | $4.24 \div 3=8$ |
| 5. $6 \times 9=54$ | $6.30 \div 3=10$ |
| $7.15-9=6$ | $8.28-17=11$ |
| 9. $2+3=5$ | $10.14-4=10$ |

## Activity seven

## Mathematical signs

| +plus <br> add <br> and | $2+4=6$ | This is addition |
| :--- | :--- | :--- |
|  | take away <br> minus <br> subtract | $12-9=3$ |$\quad$| This is subtraction |
| :--- |
| $\div$ |
|  |
| divided by <br> divide |

X times
multiplied by
$6 \times 4=24$
This is multiplication

$=$| is equal to |
| :--- |
| is/ are |
| equals |$\quad 5+5+5=15$

$<\quad$ is less than
$17<26$
$>\quad$ is greater than
$49>31$
$21-9=12$
$8 \times 8=64$
$30 \div 6$

## Activity seven

$\left.\begin{array}{l}5 \times 4=20 \\ 16 \div 2=8 \\ 6+9=15 \\ 33-8=25\end{array}\right]$

These are equations.
Both sides are equal.

Track 3
2.
4. $\qquad$
5. $\qquad$ 6. $\qquad$
7. $\qquad$ 8. $\qquad$
9. $\qquad$ 10. $\qquad$

Choose a number between 1 and 10 .
Take away 2
Multiply by 3
Add 12
Divide by 3
Add 5
Subtract your first number

