



Knowledge

- Part-whole model
- Addition symbol
- Systematic methods for number bonds within 10
- Number bonds to 10
- Fact families – the 8 facts
- Subtraction symbol

Skills

- Fact families – addition facts
- Find number bonds for numbers within 10
- Compare number bonds
- Addition – adding together
- Addition – adding more
- Finding a part
- Subtraction – taking away, how many left? Crossing out
- Subtraction – taking away, how many left?
- Subtraction – finding a part, breaking apart
- Subtraction – counting back
- Subtraction – finding the difference
- Comparing addition and subtraction statements $a+b > c$
- Comparing addition and subtraction statements $a+b > c+d$

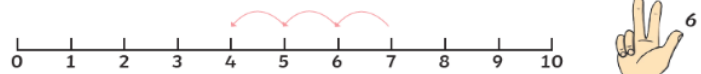
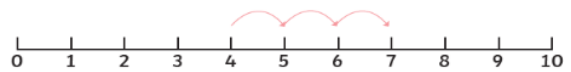
Inspirational Mathematician

Blaise Pascal (1623-1662)

Blaise Pascal was a French mathematician, physicist, inventor, philosopher, writer, and Catholic theologian. He was a child prodigy who was educated by his father, a tax collector in Rouen.



Counting On and Counting Back



7 - 3 = 4 Counting back

Number Bonds

$5 - 0 = 5$ ●●●●● $5 + 0 = 5$

$5 - 1 = 4$ ●●●●● $4 + 1 = 5$

$5 - 2 = 3$ ●●●●● $3 + 2 = 5$

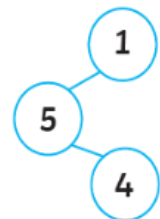
$5 - 3 = 2$ ●●●●● $2 + 3 = 5$

$5 - 4 = 1$ ●●●●● $1 + 4 = 5$

$5 - 5 = 0$ ●●●●● $0 + 5 = 5$



$3 + 2 = 5$



$5 = 1 + 4$



Vocabulary

One, two, three, four, five, six, seven, eight, nine, ten, count on, count back, add, subtract, number bonds