

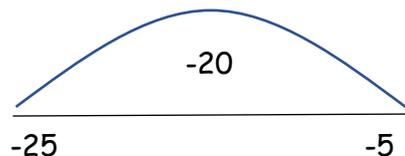
Subtracting negative numbers

In real life contexts



Subtracting negative numbers

$$-5 - 20 = -25$$



Subtracting negative numbers

Develops into a mental method - no written method.

Mental

Counting on:

$$6.14 - 5.76$$

$$5.76 + 0.24 = 6$$

$$6 + 0.14 = 6.14$$

$$0.24 + 0.14 = 0.38$$

Counting back:

$$7.87 - 2.03$$

Partition the second number and counting back.

$$7.87 - 2 = 5.87$$

$$5.87 - 0.3 = 5.84$$

Adjusting:

$$34\,256 - 14\,999 \text{ (+ 1 to both numbers)}$$

$$6.73 - 0.99 \text{ (+ 1 to both numbers)}$$

Using known facts and place value:

$$1.63 - 0.8$$

$$16 - 8 = 8 \text{ so } 1.63 - 0.83 = 0.83$$

Partitioning:

No exchanging

$$456\,765 - 235\,243 = 221\,522$$

Subtracting a power/multiple of 10

$$163\,453 - 20,000$$

$$275\,321 - 1,000$$

(children recognise which column will change)

***Not always mental- but subtractions involving missing numbers must be included for each approach (e.g., mental/ written)**