

ADDISUB (*Add and subtract single digits to and from larger numbers*)

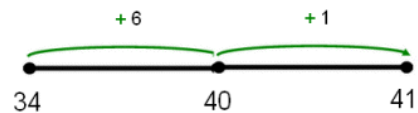


Use a metre stick to explore how to **count on** from a number.



Eg $34 + 7$: First count on from 34: 35, 36, 37, 38, 39, 40, 41.

Then explore how to do it more quickly by **jumping** to the next ten.



$34 + 6 = 40$ (because $4 + 6 = 10$)

so

$34 + 7 = 41$

$$34 + 6 + 1 = 41$$

Do the same with subtraction.

$8 + 8 = ?$ Next use the doubles and near doubles, teens and near teens, tens pairs and near tens pairs that you learned from 'Didgie' to **build patterns** like these.

so
 $18 + 8 = ?$

$28 + 8 = ?$

$38 + 8 = ?$

$48 + 8 = ?$

Explore how this lets you work out how to add or subtract any single digit to or from a 2-digit (or larger) number.

Use the idea of the express elevator (explained within the 'Quick Ways of Adding 9 & 8' activity) to add or subtract 9 (and 8) by first adding or subtracting 10 and then **going 1 or 2 steps back** the other way.

