Adding near doubles

Did you know!

Learning the doubles facts below will make many additions easier to do.

$$1 + 1 = 2$$

$$2 + 2 = 4$$

$$6 + 6 = 12$$

$$12 + 12 = 24$$

$$13 + 13 = 26$$

$$40 + 40 = 80$$

$$45 + 45 = 90$$

Explanation 4

When you add numbers that are next to each other, like 6 and 7, 9 and 10 or 15 and 16, you can: double one of the numbers and then add or subtract one.

$$6 + 6 + 1 = 13$$

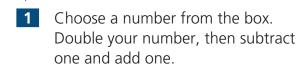
$$7 + 7 - 1 = 13$$

$$\rightarrow$$
 10 + 10 - 1 = 19

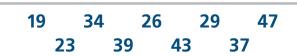
$$\rightarrow$$
 15 + 15 + 1 = 31

Remember: if you doubled the **higher** number, **subtract** one, if you doubled the **lower** number, **add** one.

Activities



Write your answers on spare paper like this. Do this for all the numbers in the box.



Double
$$26 = 52$$

$$\begin{array}{c} -1 \\ +1 \\ \end{array} \longrightarrow 53$$

Now use your answers to activity 1 to solve these 'near double' questions.

$$m 440 + 430 =$$
 $n 180 + 190 =$ $o 470 + 460 =$