

# Adding near doubles

## Did you know?

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

$1 + 1 = 2$	$2 + 2 = 4$	$3 + 3 = 6$	$4 + 4 = 8$	$5 + 5 = 10$
$6 + 6 = 12$	$7 + 7 = 14$	$8 + 8 = 16$	$9 + 9 = 18$	$10 + 10 = 20$
$11 + 11 = 22$	$12 + 12 = 24$	$13 + 13 = 26$	$14 + 14 = 28$	$15 + 15 = 30$
$20 + 20 = 40$	$25 + 25 = 50$	$30 + 30 = 60$	$35 + 35 = 70$	
$40 + 40 = 80$	$45 + 45 = 90$	$50 + 50 = 100$		

## Explanation

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.**

**Example**  $6 + 7 \rightarrow 6 + 6 + 1 = 13$  or  $7 + 7 - 1 = 13$   
 $9 + 10 \rightarrow 10 + 10 - 1 = 19$   
 $15 + 16 \rightarrow 15 + 15 + 1 = 31$

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

## Activities

- 1** Choose a number from the box.  
 Double your number, then subtract one and add one.

19	34	26	29	47
23	39	43	37	

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



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

- |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|
| a $27 + 26 =$ _____   | b $34 + 35 =$ _____   | c $23 + 24 =$ _____   |
| d $19 + 18 =$ _____   | e $38 + 37 =$ _____   | f $44 + 43 =$ _____   |
| g $39 + 38 =$ _____   | h $47 + 48 =$ _____   | i $29 + 30 =$ _____   |
| j $270 + 260 =$ _____ | k $340 + 350 =$ _____ | l $380 + 370 =$ _____ |
| m $440 + 430 =$ _____ | n $180 + 190 =$ _____ | o $470 + 460 =$ _____ |