

# Mighty Marty!

You need ✓ a classmate

✓ cubes

## Activity

Marty knows that  $8 + 2 = 10$ .  
So he thinks that  $80 + 20 = 100$ .

If each cube contains  
10 beans ...



Then 80 is 8 lots of 10. 20 is 2 lots of 10.  
8 lots of 10 and 2 lots of 10 make 10 lots of 10.  
That's 100. So  $80 + 20 = 100$ .

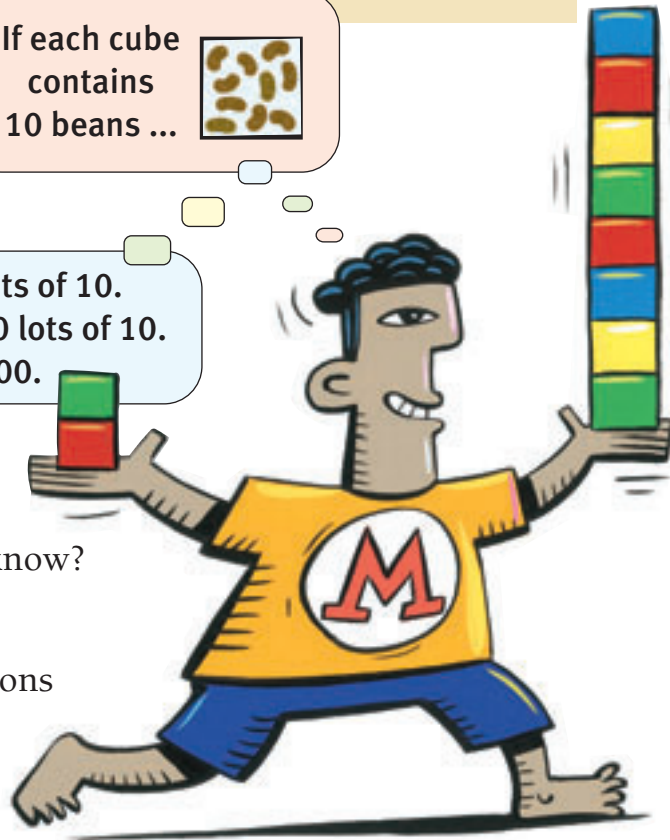
1. He knows that  $9 + 1 = 10$ ,  
so he thinks that  $90 + 10 = 100$ .

a. Is he right?    b. How do you know?

2. Work out the answers to these equations  
in your head.

Then explain to your classmate how  
you worked out the answers.

- a.  $40 + 60 =$     b.  $50 + 50 =$   
c.  $80 + 60 =$     d.  $90 + 20 =$



3. Now Marty tries some bigger numbers.

$$3 + 4 = 7.$$

So if each cube now contains 100 beans,  
 $300 + 400 = 700$ .

Work out the answers to these equations in your head.

- a.  $100 + 500 =$     b.  $800 + 200 =$   
c.  $5\ 000 + 4\ 000 =$     d.  $2\ 000 + 7\ 000 =$

