

# Magical Tens

You need  counters       a photocopy of a "Make Tens" board  
 a classmate

## Activity

Tina is imagining what  $7 + 8$  looks like on a Make Tens board.

●	●	●	●	●	●	●			
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○		

If I take 2 from the 7 and add it to the 8 ...

●	●	●	●	●					
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○	●	●

Now I have 10 and 5. That's 15.



With a classmate, use a Make Tens board and counters to work out:

- a.  $18 + 7$       b.  $28 + 7$       c.  $38 + 7$



Discuss with a classmate how Tina can use making 10 to solve the statements on these Make Tens boards.

a.

●	●	●	●	●	●				
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○	○	

b.

●	●	●	●	●	●				
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○			

c.

●	●	●	●	●	●	●	●		
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○	○	

d.

●	●	●	●	●	●	●	●		
1	2	3	4	5	6	7	8	9	10
○	○	○	○	○	○	○	○		

Hmm ... I would show  $9 + 6$  as  $10 + 5$ .



Write down the statements your Make Tens board would show to answer:

- a.  $19 + 6$       b.  $29 + 6$       c.  $59 + 6$       d.  $89 + 6$   
 e.  $27 + 6$       f.  $47 + 6$       g.  $77 + 6$       h.  $87 + 6$



Think about the patterns you have used with your Make Tens board. Use these patterns to answer:

- a.  $19 + 8$       b.  $59 + 8$       c.  $109 + 8$       d.  $1\ 009 + 8$   
 e.  $47 + 6$       f.  $67 + 6$       g.  $237 + 6$       h.  $997 + 6$