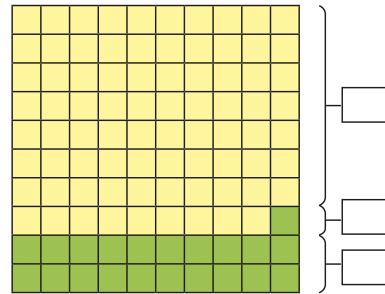


- 1** a) Shade 54 squares on a hundred square.  
 b) How many squares are **not** shaded?  
 What is the complement of 54 to 100?

- 2** a) What are the missing totals?



- b) Use the hundred square to complete the number sentence.

$$79 + 21 = \square + \square + \square = \square$$

- 3** a) Fill in the missing parts for the complements to 100

$$\begin{array}{c} 32 \\ \swarrow \searrow \\ 30 \quad 2 \end{array} + \begin{array}{c} 68 \\ \swarrow \searrow \\ 60 \quad \square \end{array} = 100$$

$$\begin{array}{c} 24 \\ \swarrow \searrow \\ 20 \quad \square \end{array} + \begin{array}{c} 76 \\ \swarrow \searrow \\ 70 \quad \square \end{array} = 100$$

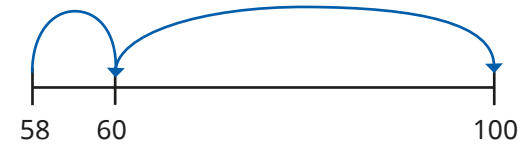
$$\begin{array}{c} 45 \\ \swarrow \searrow \\ \square \quad 5 \end{array} + \begin{array}{c} 55 \\ \swarrow \searrow \\ 50 \quad 5 \end{array} = 100$$

$$\begin{array}{c} 83 \\ \swarrow \searrow \\ \square \quad \square \end{array} + \begin{array}{c} 17 \\ \swarrow \searrow \\ \square \quad \square \end{array} = 100$$

- b) What do you notice about the sum of the ones in each part?  
 c) What do you notice about the sum of the tens in each part?

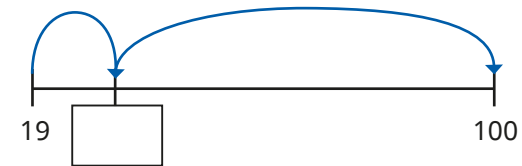
- 4** Use the number lines to find the complements to 100

a)



$$58 + \square = 100$$

b)



$$19 + \square = 100$$

**5**



42 and 68 are complements to 100

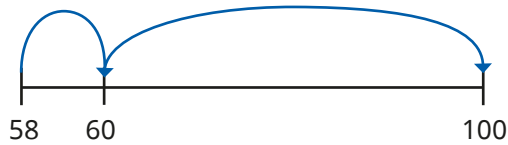
What mistake has Tiny made?

- 6** Write the complements to 100 for the numbers.

- a) 46    b) 78    c) 51    d) 14    e) 35    f) 29

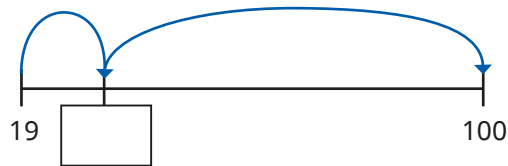
4 Use the number lines to find the complements to 100

a)



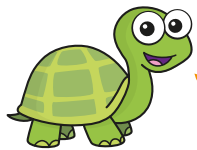
$$58 + \square = 100$$

b)



$$19 + \square = 100$$

5



42 and 68  
are complements  
to 100

What mistake has Tiny made?

6

Write the complements to 100 for the numbers.

a) 46    b) 78    c) 51    d) 14    e) 35    f) 29

7 Alex and Max each have some money.

Max has these coins.



Explain how you know that Max is incorrect.

8

a) Which of the cards do **not** show complements to 100?

$$86 + 16$$

$$23 + 77$$

$$47 + 43$$

$$91 + 9$$

$$55 + 55$$

$$18 + 92$$

b) For each card that you have chosen, explain how you know it is not a bond to 100

