1 **a)** Eva has some marbles.
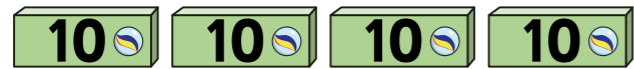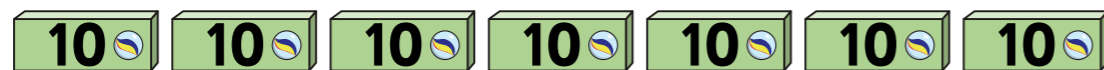
10 10 10 10

How many marbles does Eva have?

Eva has ☐ marbles.

She buys 3 more boxes of marbles.

How many marbles does she have now? ☐

b) Teddy has some marbles.

10 10 10 10 10 10 10

How many marbles does Teddy have?

Teddy has ☐ marbles.

He gives 5 boxes of marbles to his friend.

How many marbles does he have now? ☐

2 What calculation is represented?

Complete the number sentence.

Tens	Ones

		T	O
		2	4
	+	1	0
		3	4

☐ + ☐ = ☐

3 Use base 10 to complete the calculations.

a) 24 + 20 = ☐

b) 17 + 50 = ☐

c) 40 + 16 = ☐

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4 What calculation is represented?

Complete the number sentence.

Tens	Ones
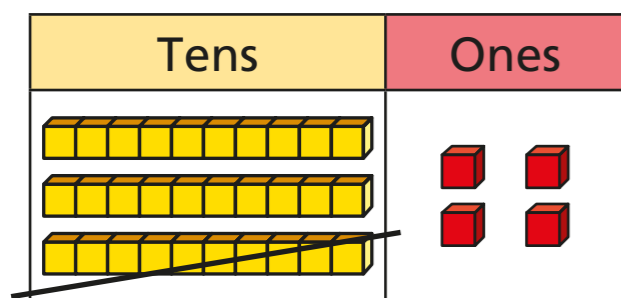
			T	O	
			3	4	
		−	1	0	
			2	4	

☐ − ☐ = ☐

5 Use base 10 to complete the calculations.

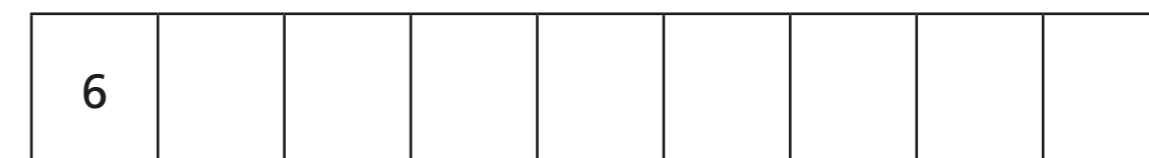**a)** 34 − 20 = ☐

b) 57 − 20 = ☐

c) 46 − 40 = ☐
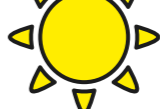
6 Huan has 6 stickers.

He gets 10 new stickers every day for 8 days.

How many stickers will Huan have after 8 days?

Use the number track to help you.
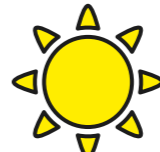
| 6 | | | | | | | | |

Huan will have ☐ stickers.

7 ⭐ = 30   🌙 = 10   ☀️ = 40

Complete the calculations.

a) ⭐ + ☀️ = ☐

b) ⭐ − 🌙 = ☐

c) ☀️ − ⭐ = ☐

1 Count the ones and complete the sentences.

a)

[ ] ones = [ ] ten

b)

[ ] ones = [ ] ten and [ ] ones

c)
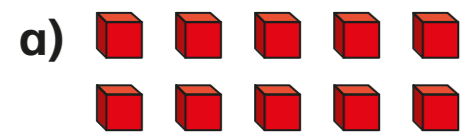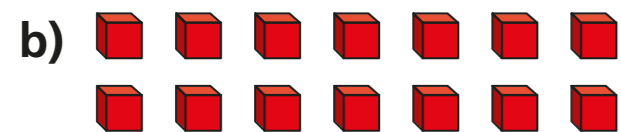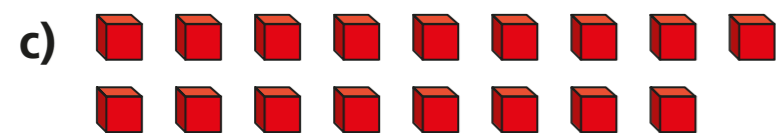
[ ] ones = [ ] ten and [ ] ones

2 Complete the additions.

Tens	Ones

+
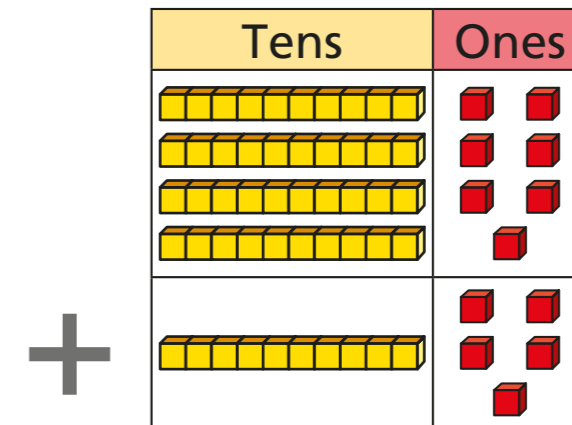
[ ] ones + [ ] ones = [ ] ones

[ ] ones = [ ] ten + [ ] ones

[ ] tens + [ ] tens = [ ] tens

[ ] + [ ] = [ ]

3 Use base 10 to complete the additions.

a) 7 + 4 =

b) 10 + 30 =

c) 17 + 34 =

d) 19 + 21 =

e) 18 + 64 =

f) 37 + 14 =

g) 22 + 19 =

h) 48 + 19 =

i) 33 + 29 =

j) 39 + 47 =

4 Write the addition.

			T	O	
			4	6	
		+	1	5	
			6	1	
			1		

☐ + ☐ = ☐

What does the little 1 represent?

Talk to a partner.

5 Complete the additions.

a)

			T	O	
			5	7	
		+	1	5	

c)

			T	O	
			1	7	
		+	7	3	

b)

			T	O	
			1	8	
		+	1	9	

d)

			T	O	
			6	3	
		+	1	9	

6 Fill in the missing digits to complete the number sentence.
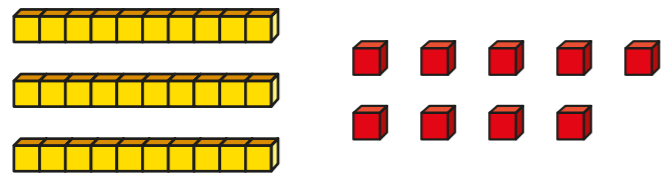
_9 + _3 = 62

Compare answers with a partner.

How many different answers can you find?

Subtract 2-digit numbers (2)

1 **a)** What number is represented?

Subtract 12

What number is left? ☐

☐ − 12 = ☐

b) What number is represented?
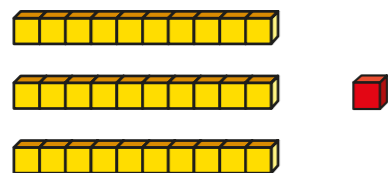
Subtract 12

What number is left? ☐

☐ − 12 = ☐

c) What is the same about part a) and part b)?
What is different?

2 Use base 10 to complete the subtractions.

a) 23 − 6 = ☐   **d)** 45 − 26 = ☐

b) 33 − 7 = ☐   **e)** 63 − 35 = ☐

c) 33 − 17 = ☐   **f)** 82 − 24 = ☐

3 Tommy is working out 23 − 5

	T	O
	$^1\!\!\!2$	$^1 3$
−		5
	1	8

Talk about Tommy's method with a partner.

Use Tommy's method to complete
the subtractions.

a)

		T	O	
		2	3	
−			6	

d)

		T	O	
		4	5	
−		2	6	

b)

		T	O	
		3	3	
−			7	

e)

		T	O	
		6	3	
−		3	5	

c)

		T	O	
		3	3	
−		1	7	

f)

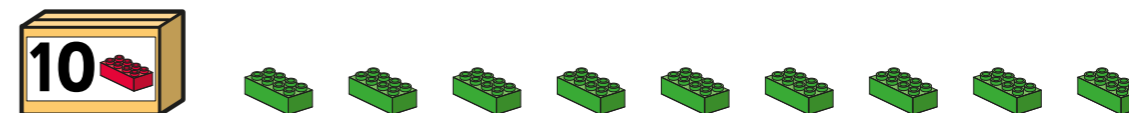|		T	O	
		8	2	
−		2	4	

4 Dexter has 33 bricks.
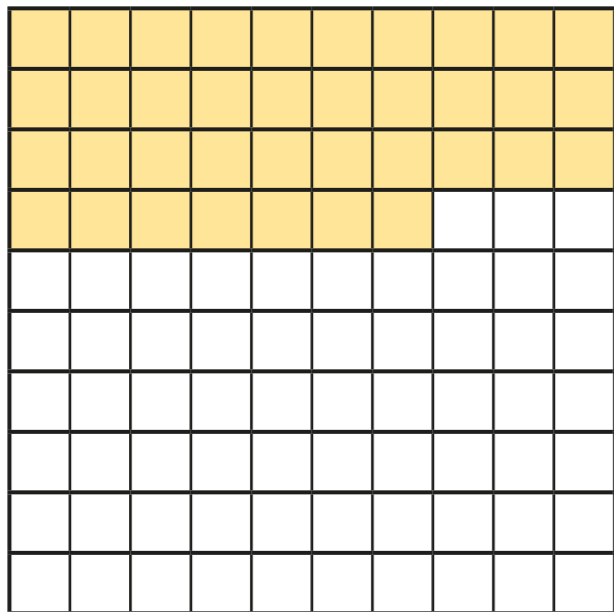

Rosie has 19 bricks.

a) How many bricks do Dexter and
Rosie have altogether?

b) How many more bricks does Dexter have
than Rosie?

Bonds to 100 (tens and ones)
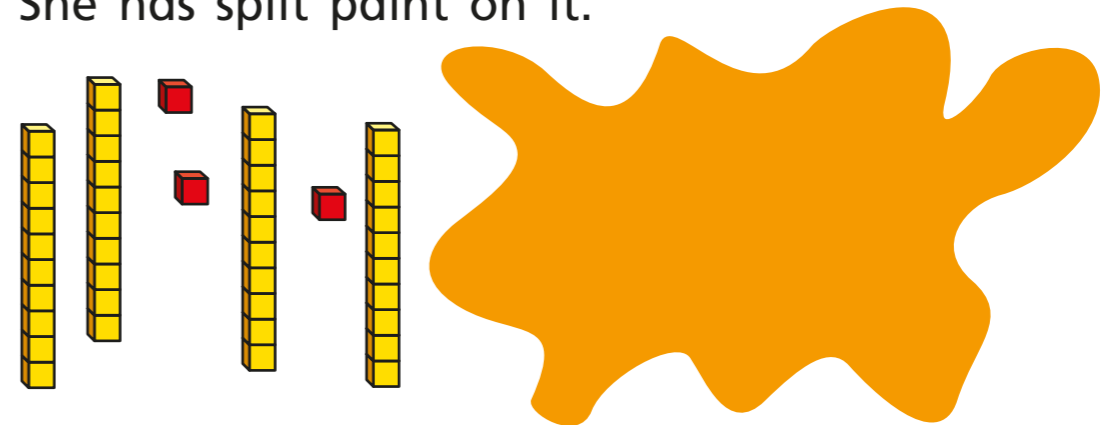
1 Here is a hundred square.

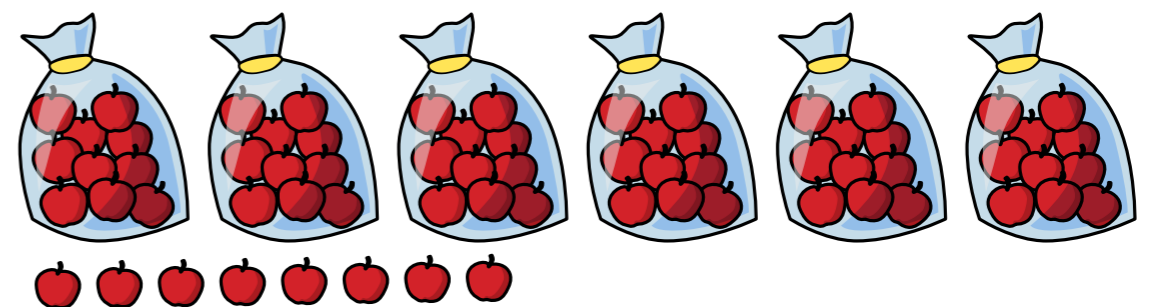How many squares are shaded? ☐

How many squares are not shaded? ☐

☐ + ☐ = 100

2 Eva has made 100 using base 10

She has spilt paint on it.
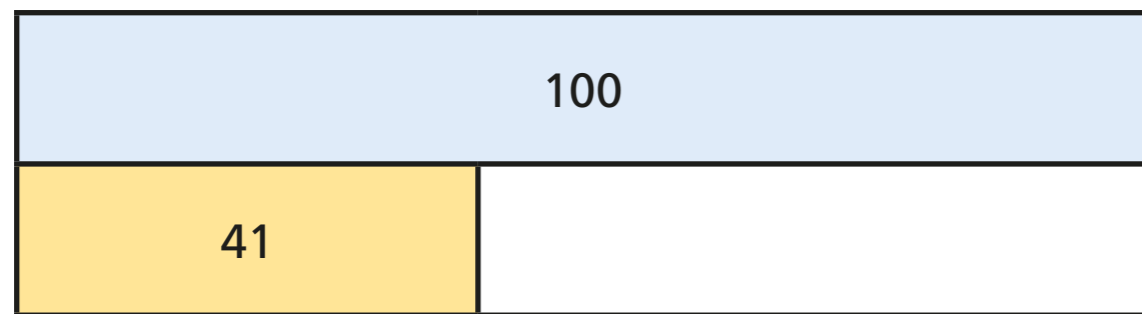

Draw the missing pieces of base 10

☐

3 Mrs Harris has these apples for Sports Day.

She needs 100 apples.

How many more apples does Mrs Harris need?

☐

4 Complete the bar model.

100
41	

5 Complete the calculations.

a) 40 + ☐ = 100

e) 100 − 50 = ☐

b) ☐ + 70 = 100

f) 100 − 37 = ☐

c) 100 = ☐ + 72

g) ☐ = 100 − 22

d) 100 = 28 + ☐

h) 8 = 100 − ☐

6 A coat costs £100

Mr Farmer has £58

How much more money does Mr Farmer need to buy the coat?

☐

7 Whitney is working out 38 + ☐ = 100

The missing number is 72 because I need 2 more ones and 7 more tens.

Do you agree with Whitney? _____

Explain your answer

_____

_____

Talk about it with a partner.