

# Subtract a 2-digit number from a 3-digit number – crossing 100



1 Use base 10 to make the number 235

a) Complete the subtraction.

$$235 - 20 = \square$$

b) Complete the subtraction.

$$235 - 30 = \square$$

c) Show how you can work out  $235 - 50$  using base 10

Talk to a partner about how you did it.

d) Complete the number sentences.

$$235 - 50 = \square$$

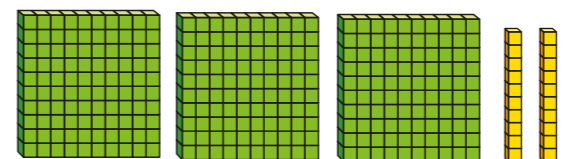
$$235 - 70 = \square$$

$$235 - 90 = \square$$



2 Complete the number sentences.

a)  $323 - 60 = \square$



b)  $712 - 40 = \square$

H	T	O
100 100	10	1 1
100 100		
100 100		
100		

3



You can't subtract 70 from 624 as there aren't enough tens.

H	T	O
100 100	10 10	1 1
100 100		1 1
100 100		

Rosie is wrong.

How do you know?

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4 Complete the number sentences.

a)  $720 - 60 = \square$

e)  $716 - 50 = \square$

b)  $338 - 40 = \square$

f)  $\square = 528 - 90$

c)  $248 - 60 = \square$

g)  $319 - 20 = \square$

d)  $937 - 50 = \square$

h)  $703 - 80 = \square$



5 The answer to each of these subtractions is 358

Find the possible missing digits.

$4\_8 - \_0 = 358$

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6 Nijah is working out  $524 - 80$  in her head.

She says the answer is 464

What mistake do you think Nijah has made?

Talk to a partner.



7 Complete the calculations.

a)  $758 - \square = 708$

e)  $163 = 253 - \square$

b)  $612 - \square = 532$

f)  $\square - 80 = 341$

c)  $129 - \square = 69$

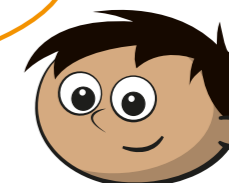
g)  $\square - 70 = 603$

d)  $807 - \square = 777$

h)  $\square - 40 - 30 = 448$

8 Amir is thinking of a number.

If I subtract 20  
I don't have to make an exchange.  
If I subtract 70 I have to make  
1 exchange.



How many tens could Amir's number have?

Give reasons for your answer.

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