

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.

$$235 - 20 = \boxed{}$$

b) Complete the subtraction.

$$235 - 30 = \boxed{}$$

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.

$$235 - 50 = \boxed{}$$

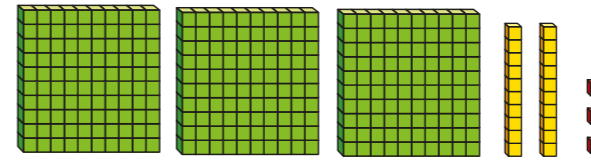
$$235 - 70 = \boxed{}$$

$$235 - 90 = \boxed{}$$



2 Complete the number sentences.

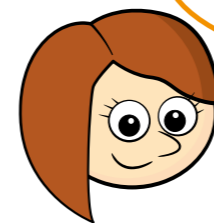
a) $323 - 60 = \boxed{}$



b) $712 - 40 = \boxed{}$

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

3



You can't subtract 70 from 624 as you don't have enough tens.

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

Rosie is wrong.

How do we know?



4 Complete the number sentences.

a) $720 - 60 =$

b) $338 - 40 =$

c) $248 - 60 =$

d) $937 - 50 =$

e) $716 - 50 =$

f) $= 528 - 90$

g) $319 - 20 =$

h) $703 - 80 =$



5 The answer to each of these subtractions is 358

Find the possible missing digits.

$4_8 - _0 = 358$

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$4_8 - _0 = 358$

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) $758 -$ $= 708$

b) $612 -$ $= 532$

c) $129 -$ $= 69$

d) $807 -$ $= 777$

e) $163 = 253 -$

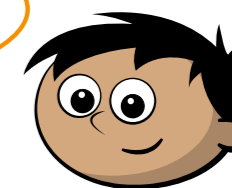
f) $- 80 = 341$

g) $- 70 = 603$

h) $- 40 - 30 = 448$

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.
