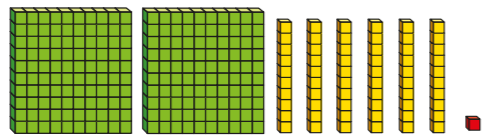


Add 3-digit and 2-digit numbers – crossing 100



1 Use base 10 to help you complete the additions.



a) $261 + 10 =$

c) $261 + 30 =$

b) $261 + 20 =$

d) $261 + 40 =$

What do you notice?

2 Complete the additions.

a) $=$

b) $=$



3 Complete the number sentence.

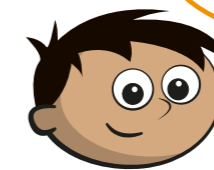
Use the place value chart to help you.

$369 + 70 =$

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

+

4



When you add 5 tens to a 3-digit number, only the tens column changes.

Write three examples to show Amir is wrong.

5 Complete the number sentences.

a) $452 + 70 =$

b) $692 + 60 =$

c) $357 + 70 =$

d) $84 + 70 =$

e) $30 + 784 =$

f) $= 712 + 90$

g) $171 + 50 + 20 =$

h) $256 + 50 + 30 =$

6 Complete the number sentences.

$349 +$ $= 429$

$359 +$ $= 429$

$339 +$ $= 429$

$+ 399 = 429$

7 Work out the missing digits.

a) $772 + _0 = 812$

$772 + _0 = 822$

$772 + _0 = 852$

b) $3_4 + 60 = 454$

$3_4 + 60 = 444$

$3_4 + 60 = 414$



8 a) What is the smallest possible missing digit?

$773 + _0 > 820$

b) What is the smallest possible missing digit?

$773 + _0 > 824$

c) What is the greatest possible missing digit?

$773 + _0 < 824$

9 A barrel contains 175 litres of water.



2 buckets of water are poured into the barrel.



There is now 265 litres of water in the barrel.

How much water could have been in each bucket?

How many different answers can you find?

