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

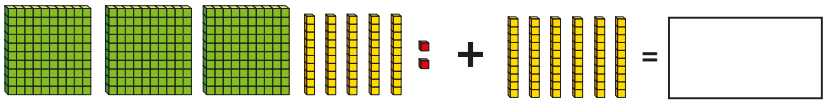
1 Use base 10 to help you work out the additions.

a) 261 + 10 **b)** 261 + 20 **c)** 261 + 30 **d)** 261 + 40

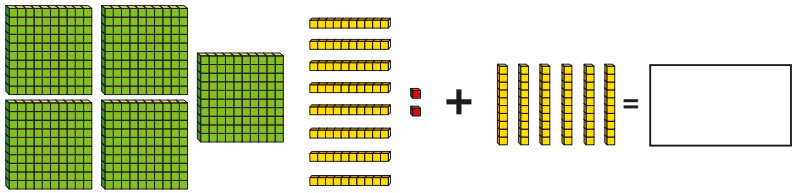
What do you notice?

2 Complete the additions.

a)



b)



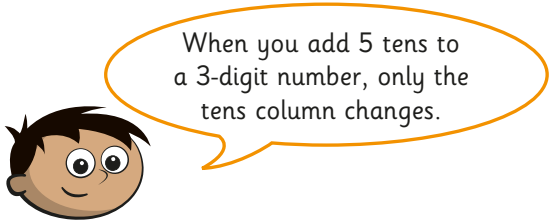
3 Work out the addition.

Use the place value chart to help you.

369 + 70

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

4



Write three examples to show Amir is wrong.

5 Complete the number sentences.

a) 452 + 70 = ☐ **d)** 84 + 70 = ☐ **g)** 171 + 50 + 20 = ☐

b) 692 + 60 = ☐ **e)** 30 + 784 = ☐ **h)** 256 + 50 + 30 = ☐

c) 357 + 70 = ☐ **f)** ☐ = 712 + 90

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

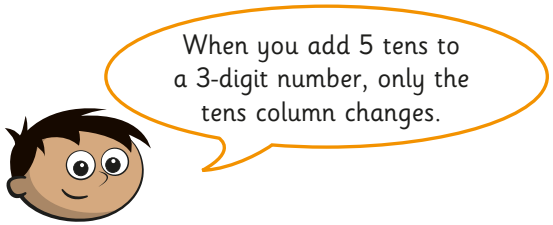
3_4 + 60 = 444

3_4 + 60 = 414

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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?

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