1 Use base 10 to help you work out the additions.
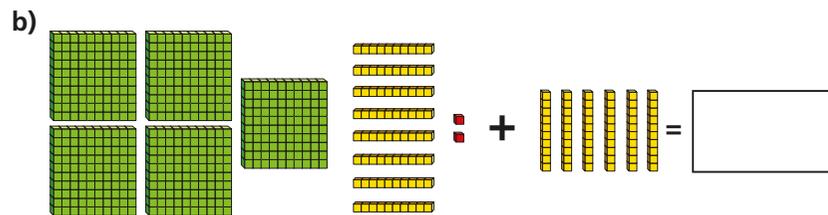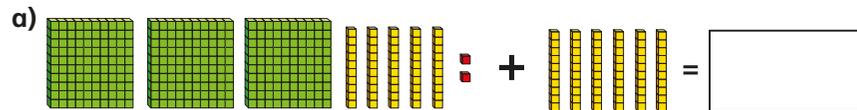
a) 261 + 10   b) 261 + 20   c) 261 + 30   d) 261 + 40

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

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 = ☐   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   b) 3_4 + 60 = 454

772 + _0 = 822   3_4 + 60 = 444

772 + _0 = 852   3_4 + 60 = 414

4

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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.

175 litres

2 buckets of water are poured into the barrel.

0 litres   0 litres

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?