

What pattern do you notice?

Use the 100 square to complete these calculations.

Complete the calculations.

- **|0%** | ÷ 9 = 12 b)
- **c)** 9 × 4 = 36
- ÷ 9 = 1 d)

k)

f) 10 × 9 = 90

Complete the number tracks.									
0	9	18	27	36	45	54	63		
108	99	90	81	72	63	54	45	36	







These numbers are all multiples of 9



a) Show that the sum of the digits of each number is the same.

5+4=9 1+8=9 1+0+8=9 4+5=9

b) These numbers are also multiples of 9

198 657	7 891	999
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What is the sum of the digits of each number?

1+9+8=18 6+5+7=18 8+9+1=18 9+9+9=27



6

Jack is making arrays.



a) Use the arrays to complete the multiplications.



b) Write steps for a partner to explain how you can use the 10 times-table to multiply by 9

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	'J	5		
the	nun	nber.	E.	۹.
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c) Use your steps to work out these multiplications.





en subtract one lat a

 $15 \times 9 = 15 \times 10 - 15 \times 1 = 150 - 15$ = 135

72 × 9 = 648

