3 x tables

1) David says "I know the answer to 30 x 9 without using a written method."

Explain how David can solve 30 x 9 without using a written method.

2) Fill in the gaps below:

	60	90			180

3) Explain how the calculations below are interlinked:

3 x 2 = 6   6 x 1 = 6
3 x 4 = 12   6 x 2 = 12
3 x 6 = 18   6 x 3 = 18
3 x 8 = 24   6 x 4 = 24

4) Fill in the gaps below:

3 x _____ = 12   27 ÷ _____ = 3

3 x _____ = 120   270 ÷ 3 = _____

3 x _____ = 600   18 ÷ _____ = 3

3 x tables

5) Create a word problem that requires you to use the 3 x table.

6) Fill in the gaps below:

0.06		0.12	0.15		

7) Anna says "I know 3 x 7 is 21 so I therefore know 3 x 70 = 2100."
Explain the mistake Anna has made.

8) John shares a packet of sweets between him and his seven friends. If they each get 3 sweets, how many sweets did John start with?

3 x tables

9) Write the number sentences for the diagram below:

_____ × _____ = _____

_____ × _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

10) Find all the number facts you can for the triangle below:

12

4   3