Year 3 Maths Week 5 Day 5

8x tables.

1. Practise your 8 x tables by writing these out in your home learning book and then move onto more practice and mastery questions below.

Look	Write	Cover	Write out of order
1 x 8 = 8			
2 x 8 = 16			
3 x 8 = 24			
4 x 8 = 32			
5 x 8 = 40			
6 x 8 = 48			
7 x 8 = 56			
8 x 8 = 64			
9 x 8 = 72			
10 x 8 = 80			
11 x 8 = 88			
12 x 8 = 96			

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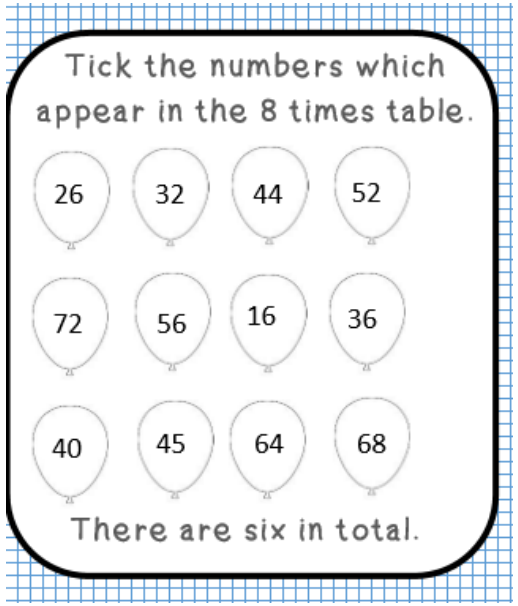
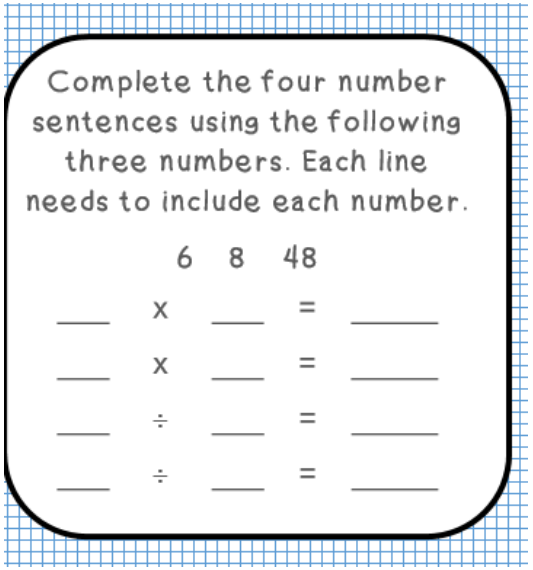
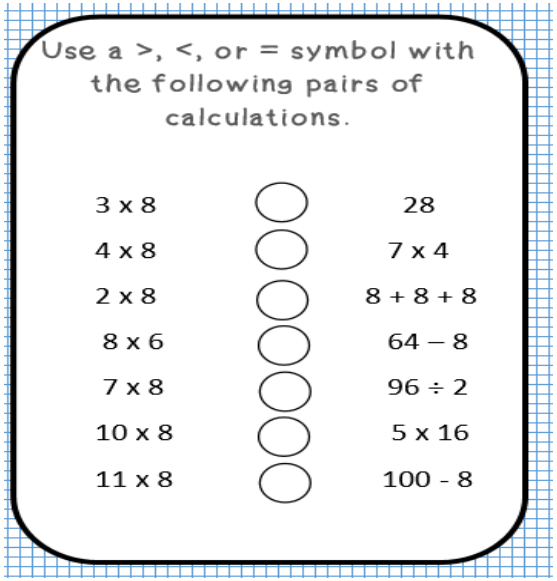




2. Have a go at these questions



EXT: Challenge yourself with these statements.

3. Mastery questions are set out below to help you apply your knowledge of the 8 x tables. There are two challenges to choose from (Mild and Spicy/Hot). Write out the answers and any working out in your home learning book. There is a separate answer sheet to check your work once you have finished.

Mild Mastery questions.

A

Complete the sequence:

96 88 __ __ 64 __ __ 40 32 __ __ __

B

Four spiders went to the shoe shop. They needed a shoe for each of their eight feet. How many shoes did they buy altogether? Write your answer as a complete number sentence.

C

Zac decided to share sweets for his birthday with his eight best friends. He had 48 sweets in total. How many sweets did each friend receive?

D

S	C	M	D	E	F	G	T	N	V
I	X	T	L	D	O	L	W	E	M
X	I	H	P	Y	R	A	E	E	E
T	S	I	B	Z	T	R	N	T	I
Y	Y	R	B	A	Y	E	T	X	G
F	T	T	F	Y	E	I	Y	I	H
O	F	Y	O	L	I	G	F	S	T
U	I	T	R	G	G	H	O	C	Y
R	F	W	T	S	H	T	U	B	M
R	Y	O	Y	S	T	N	R	S	T

Find the answers in the puzzle:

1 x 8	8 x 3	8 x 5
10 x 8	8 x 8	6 x 8
2 x 8	8 x 4	7 x 8

Spicy/Hot mastery

Answer the questions below making sure you include written explanations using mathematical vocabulary. Do as many as you are able to.

1. What is the perimeter of a regular octagon where a side measures 7cm?

2) Fill in the gaps below:

	400	480			720

3) John buys 8 DVD's for £12 each. Write the calculation below before working out how much John spends on DVD's.

4) Fill in the gaps below:

8 x _____ = **32**

32 ÷ _____ = 8

8 x _____ = 320

72 ÷ 8 = _____

8 x _____ = 3200

720 ÷ _____ = 8

5) Create a word problem that requires you to use the 8 x table.

6) Fill in the gaps below:

0.08	0.16			0.40	

7) David says "I know without even solving the calculation that 2408 divided by 8 will not have a remainder."
Is David correct? Explain your reasoning.

8) Ben says "I know my 8 times table so I can work out 40 x 80 without using a written method."

Explain why Ben can do this.