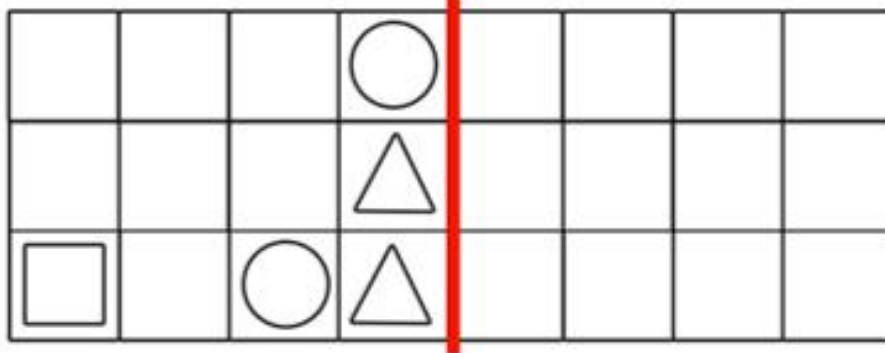


Secondary Maths - Monday

Can you complete these symmetry patterns?

REFLECTIVE PATTERNS

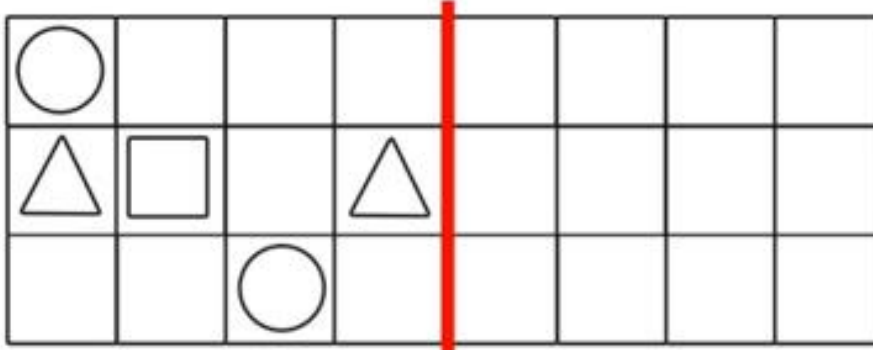
Reflect the patterns and then draw (or copy and draw) the shapes:



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REFLECTIVE PATTERNS

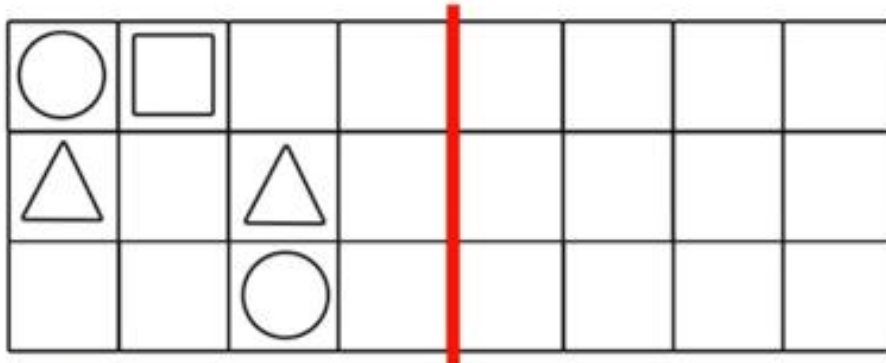
Reflect the patterns and then draw (or copy and draw) the shapes:



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REFLECTIVE PATTERNS

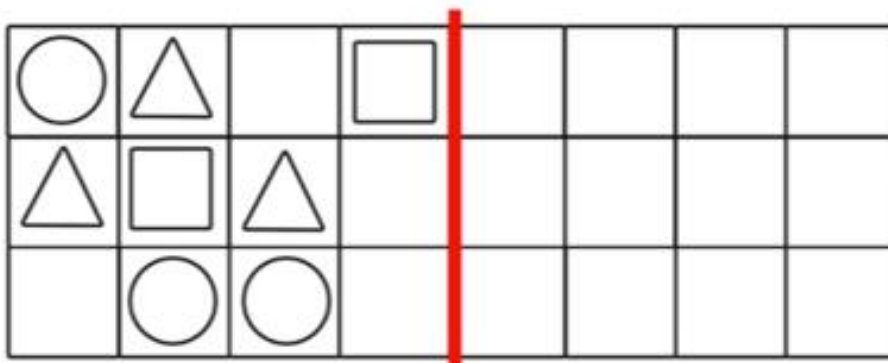
Reflect the patterns and then draw (or copy and draw) the shapes:



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REFLECTIVE PATTERNS

Reflect the patterns and then draw (or copy and draw) the shapes:



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Extension: Can you create your own symmetry patterns?

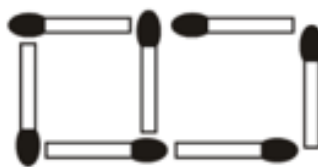
Secondary Maths - Tuesday

Patterns in Number

1. Here are some patterns made from matchsticks:



Pattern
number 1



Pattern
number 2



Pattern
number 3

- (a) Draw Pattern number 4.
- (b) Complete this table for the pattern sequence

Pattern number	1	2	3	4	5
Number of matchsticks used	4	7	10		

- (c) How many matchsticks are used in pattern number 15?

Ordering 3-Digit Numbers on a Number Line

This is a 2 player game.

You will need:

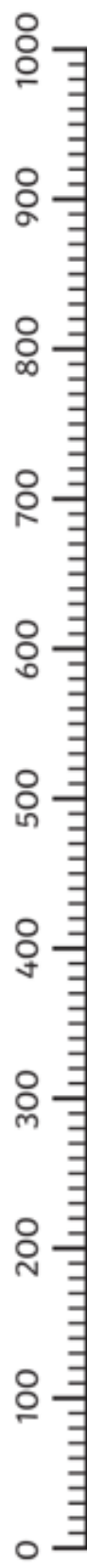
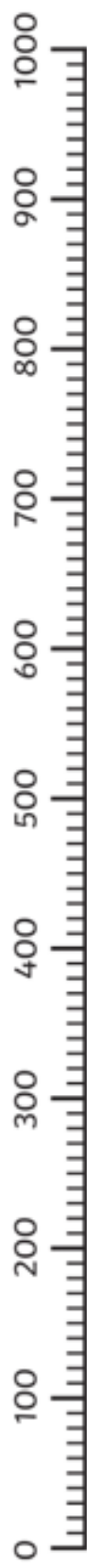
- 2 different colouring pencils
- 2 sets of number cards (included)
- 1 number line (included)

Instructions

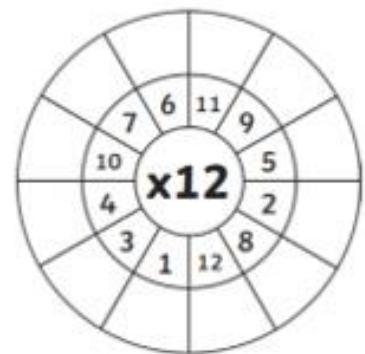
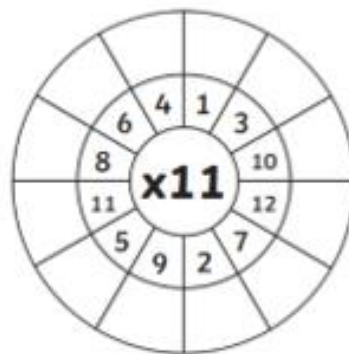
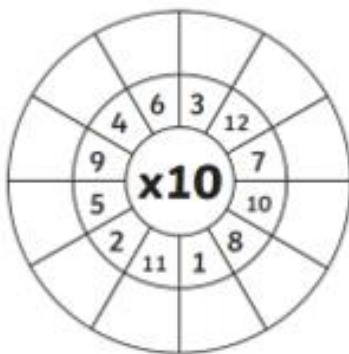
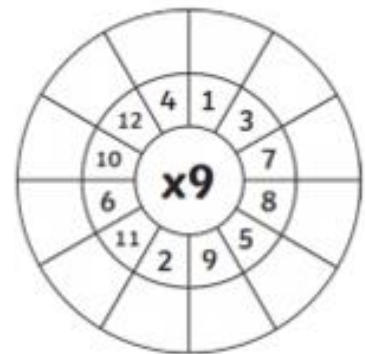
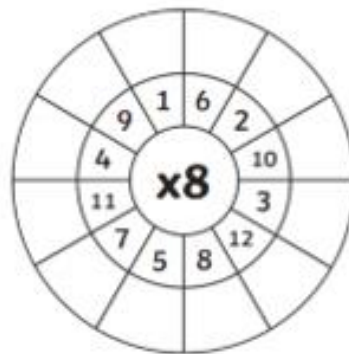
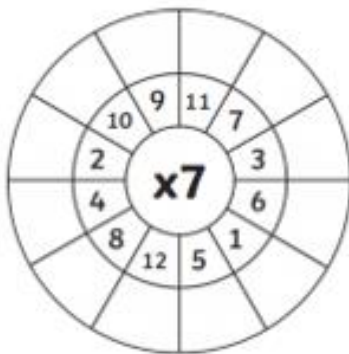
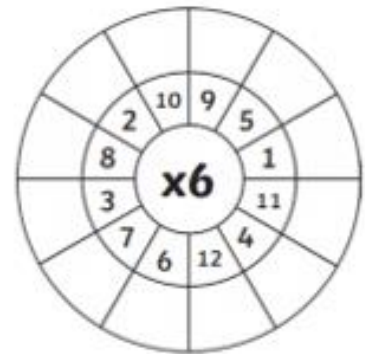
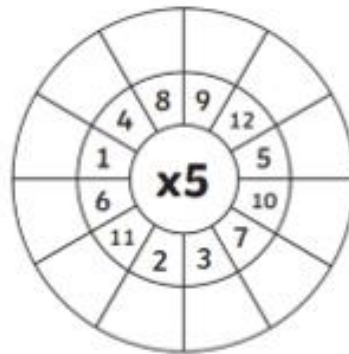
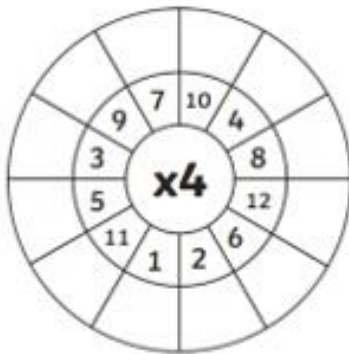
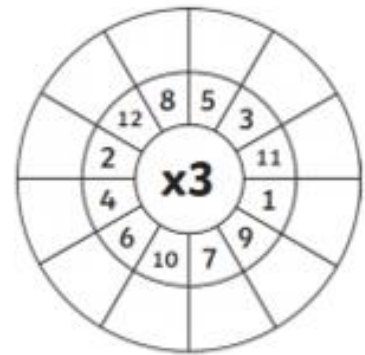
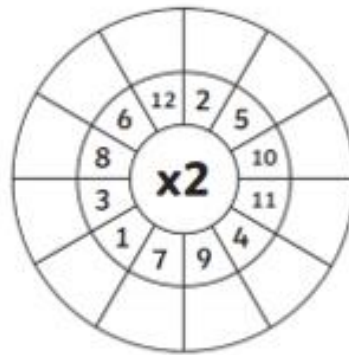
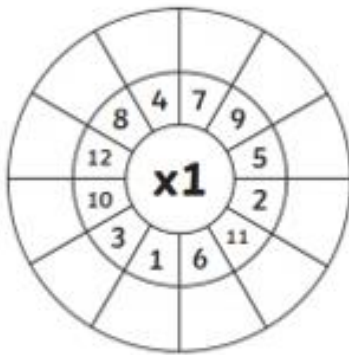
1. Take turns to pick three cards from your pile of face-down number cards.
2. Use these three numbers to make a three-digit number. e.g if 3, 5 and 4 are picked, you could make '345', '354', '435', '453' '534' or '543'.
3. Write your chosen number in the correct place on the number line.
4. The aim of the game is to get three numbers in order on the number line without your partner squeezing a number in between them!

Number Cards

0	5	0	5
1	6	1	6
2	7	2	7
3	8	3	8
4	9	4	9



Secondary Maths - Thursday



Secondary Maths - Friday

X3, x4, x8

Fill in the missing numbers...