

Full name: \_\_\_\_\_ Class: \_\_\_\_\_

## CHALLENGE 8

(MULTIPLICATION AND DIVISION)

**Question 1.** In the following magic squares, the product of each row (or each column) is always the same. Complete the magic squares.

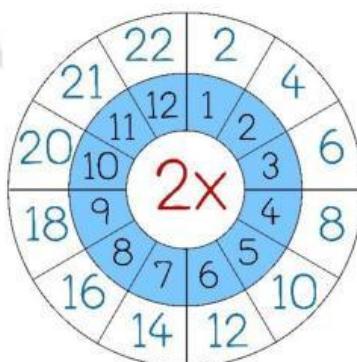
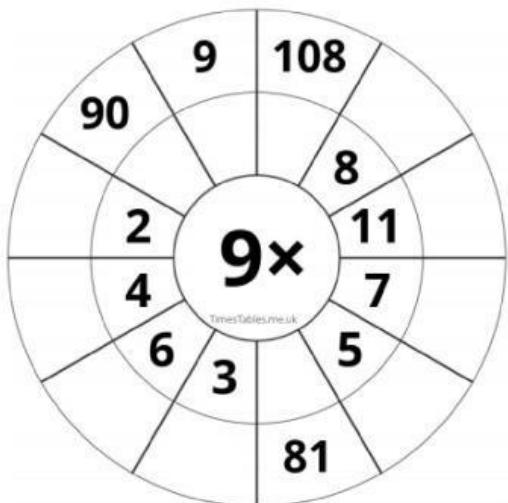
Magic Product = 1000

	1	20
		25
5		

**Question 2.** In a multiplication circle, when you multiply the number in the circle's center by the numbers in the inner ring, the results will be written in the outer ring.

*One example is shown on the right.*

Complete the following multiplication circle.



**Question 3.** Turtles and snakes hatched out of 14 eggs. The baby creatures have 32 legs altogether. How many snakes are there?

**Answer:** \_\_\_\_\_

**Question 4.** Place the numbers 1, 2 and 3 in the boxes below.

Each row and column must have all the numbers 1, 2, and 3.

Each number only appears once in each row or column.

The numbers in that cage must combine (in any order) to produce the target number using the mathematical operation indicated.

$2 -$		$2$
$2 \div$	$3 \div$	
	$1 -$	

$18 \times$		
$3 \div$	$2$	
	$2 \div$	