1. (a) Complete this method to work out 7×6 (b) use this method for $7 \times$ anything

$1 \times 6 =$	$\ldots$		$1 \times \_\_\_\_ =$	$\ldots$	
$\times 2 \downarrow$		$\downarrow \times 2$	$\times 2 \downarrow$		$\downarrow \times 2$
$2 \times 6 =$	$\ldots$		$2 \times \_\_\_\_ =$	$\ldots$	
$\times 2 \downarrow$		$\downarrow \times 2$	$\times 2 \downarrow$		$\downarrow \times 2$
$4 \times 6 =$	$\ldots$		$4 \times \_\_\_\_ =$	$\ldots$	
$7 \times 6 =$	$\ldots$		$7 \times \_\_\_\_ =$	$\ldots$	

2. (a) Complete **one** of these methods to work out 3×7

7				$1 \times 7 =$	$\ldots$
7	or	$7 + 7 + 7 =$	$\ldots$ or	$\times 2 \downarrow$	$\downarrow \times 2$
$+$ 7				$2 \times 7 =$	$\ldots$
$\ldots$				$3 \times 7 =$	$\ldots$

(b) Use the method you like best to work out $3 \times$ anything

3. (a) Complete **one** method to work out 6×3 (b) use the same method for $6 \times$ anything
You may use one of the methods below, or your own method.

$3 + 3 + 3 =$	$\ldots$	$2 \times 3 =$	$\ldots$
		$\times 2 \downarrow$	$\downarrow \times 2$
$3 + 3 + 3 =$	$\ldots$	$4 \times 3 =$	$\ldots$
$6 \times 3 =$	$\ldots$	$6 \times 3 =$	$\ldots$

Answers layer (7) = A1. 42 (b) check with calculator or a multiplication table.
layer (8) = A2. (a) 21 (b) check with calculator or a multiplication table.
layer (9) = A3. (a) 18 (b) check with calculator or a multiplication table.