



# Extra Challenge

I can multiply numbers using a formal written method.



To enter the mad wizard's tower, you need to find the secret path. The path is made up of stones where the last digit in their calculation's answer ends in the digit two. Can you find and draw the correct path to the lab? Work out the calculations using a formal written method.

Mad Wizard's Tower

Start

6875  
× 58.5

584.6  
× 84.1

26.9  
× 47.6

5876  
× 47

1578  
× 65

85.2  
× 71.6

98.4  
× 47.8

7924  
× 68

168.7  
× 87

98.7  
× 56

5876  
× 59

78.54  
× 56.5

# Extra Challenge Answers

Question	Answer			
Work out the calculations using a formal written method.				
$6875 \times 58.5 = 402\,187.5$	$26.9 \times 47.6 = 1280.44$	$5876 \times 47 = 276\,172$	$584.6 \times 84.1 = 49\,164.86$	
$1578 \times 65 = 102\,570$	$85.2 \times 71.6 = 6100.32$	$98.4 \times 47.8 = 4703.52$	$7924 \times 68 = 538\,832$	
$168.7 \times 87 = 14\,676.9$	$98.7 \times 56 = 5527.2$	$5876 \times 59 = 346\,684$	$78.54 \times 56.5 = 4437.51$	

