

# Maths Reasoning 12 mild

**Q1** Write the value of the digit 9 in these three numbers in the box next to each number.

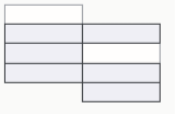

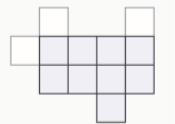
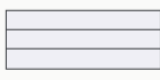
3090

9032

3902

2 marks

**Q2** Tick the two shapes that have  $\frac{3}{4}$  shaded.

	
<input type="checkbox"/>	<input type="checkbox"/>
	
<input type="checkbox"/>	<input type="checkbox"/>

**Q3** This sequence increases in steps of 1,000 each time.

Fill in the missing numbers.

5,674  7,674

8,674

**Q1** A group of four friends wash cars to earn some pocket money.  
They raise £80 altogether.  
They share the money equally.

How much money does each friend get?

£

1 mark

**Q2** In a shop there are three different styles of t-shirts.  
Each t-shirt comes in BLUE, YELLOW or GREEN.

How many different t-shirts are there in total?

**Q3** Mark is thinking of a two-digit number.  
He says, "When rounded to the nearest 10, it is 50."

Complete the following statements.

The largest number Mark could be thinking of is .

The smallest number Mark could be thinking of is .

# ANSWERS

**Q1** Write the value of the digit 9 in these three numbers in the box next to each number.

30 <u>9</u> 0	<input type="text" value="90"/>
<u>9</u> 032	<input type="text" value="9000"/>
3 <u>9</u> 02	<input type="text" value="900"/>

2 marks

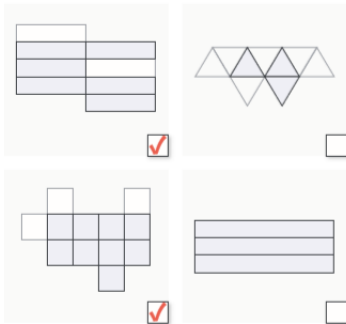
**Q3** This sequence increases in steps of 1,000 each time.

Fill in the missing numbers.

<input type="text" value="4,674"/>	5,674	<input type="text" value="6,674"/>	7,674
	8,674	<input type="text" value="9,674"/>	<input type="text" value="10,674"/>

2

**Q2** Tick the two shapes that have  $\frac{3}{4}$  shaded.



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