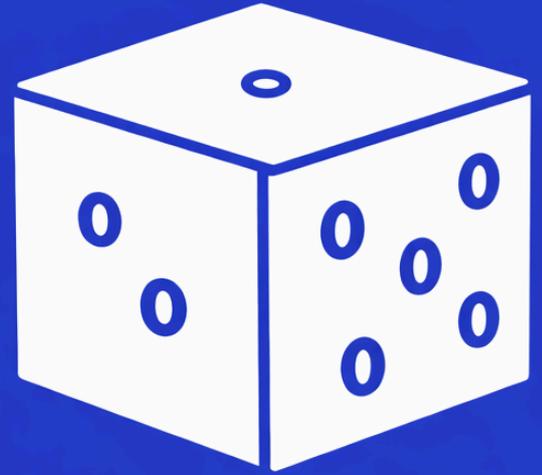


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# LUCKY MATHS

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## GCSE Mathematics Sample Workbook 1

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### Lucky Maths Workbook Sample Questions

3  $168 \div 7$

1	2	4	10	20
7				

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7 Increase £40 by 20%

100%	10%	20%
£40		

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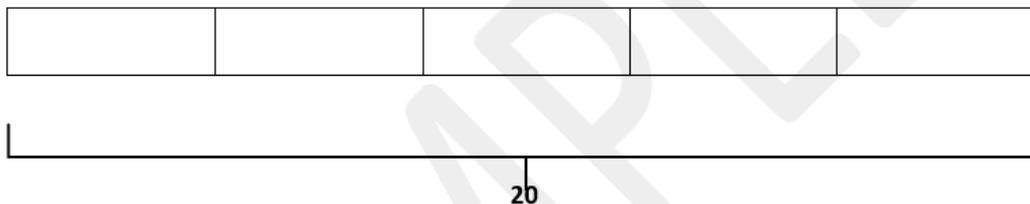
11 Sophie earns £24,000 per year. She is going to receive a 2% pay rise.

Work out her new yearly salary.

100%	10%	1%	2%
£24,000			

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2 Work out  $\frac{1}{5}$  of 20





- 11 A train leaves a station at 9:40am and arrives at 12:10pm.

The train travels at an average speed of 96 km/h.

How far does the train travel?

<b>km</b>		<b>96</b>		
<b>Hours</b>	<b>0.5</b>	<b>1</b>	<b>2</b>	<b>2.5</b>

---

- 11 8 cans of juice cost £3.60

12 cans cost £5.10

Which is better value for money?

<b>Amount</b>	<b>4</b>	<b>8</b>	<b>12</b>
<b>8 cans</b>		<b>£3.60</b>	
<b>12 cans</b>			<b>£5.10</b>

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- 3 A map has a scale of 1cm:4km

The real distance between two villages is 20km.

How many centimetres apart are they on the map?

<b>cm</b>	<b>1</b>	<b>2</b>	<b>4</b>	
<b>km</b>	<b>4</b>			

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