

# Day 5 Answers

Task 1	Task 2	Task 3																																																								
<p><b><u>Problem solving</u></b></p> <p><b>Q1.</b> Award <b>TWO</b> marks for three correct fractions indicated, and no others, i.e. <math>\frac{3}{5}</math>, <math>\frac{6}{10}</math> and <math>\frac{36}{60}</math></p> <p>Award <b>ONE</b> mark for:</p> <ul style="list-style-type: none"> <li>Any two correct with no other fractions indicated.</li> <li>Three correct with one other also selected.</li> </ul> <p><b>Q2.</b> Award <b>TWO</b> mark for the percentages matched as shown:</p>	<p><b><u>Arithmetic</u></b></p> <p>17. 42</p> <p>18. 792,000 [1]</p> <p>19. 54,000 [1]</p> <p>20. 300,010 [1]</p> <p>21. 0.346 [1]</p> <p>22. 478.504 [1]</p> <p>23. For 2 marks: 82,302 [2] For 1 mark:</p> $\begin{array}{r} 957 \\ \times 86 \\ \hline 5742 \\ \hline 76560 \\ \hline 82302 \end{array}$ <p><i>An error in one row, then added correctly, or an error in the addition</i></p>	<p><b><u>Murder Mystery</u></b></p> <p>Clue 5 – Inspector Morse on the investigation.</p> <table border="1" style="width: 100%; text-align: center;"> <tr><td>A</td><td>.-</td><td>H</td><td>...</td><td>O</td><td>---</td><td>V</td><td>...-</td></tr> <tr><td>B</td><td>-. .</td><td>I</td><td>..</td><td>P</td><td>,-.</td><td>W</td><td>.-</td></tr> <tr><td>C</td><td>-. .</td><td>J</td><td>.-</td><td>Q</td><td>-. .</td><td>X</td><td>-. .</td></tr> <tr><td>D</td><td>-. .</td><td>K</td><td>-. .</td><td>R</td><td>.-</td><td>Y</td><td>-. .</td></tr> <tr><td>E</td><td>.</td><td>L</td><td>.-</td><td>S</td><td>...</td><td>Z</td><td>-. .</td></tr> <tr><td>F</td><td>.-.</td><td>M</td><td>--</td><td>T</td><td>-</td><td>.</td><td>.....</td></tr> <tr><td>G</td><td>--</td><td>N</td><td>-.</td><td>U</td><td>..-</td><td></td><td></td></tr> </table> <p>The forty-two year old cleaner stepped into the room. Her part-time job did not prepare her for the shock. A body lying on the floor. She nearly fainted. Then she called her full-time supervisor. Phew. At least she had help. The twenty-three year old stopped. She stared.</p> <p>Her skin turned a whiter shade of pale. Pulling herself together she dialled 999. The middle-aged operator asked her who she wanted.</p> <p>She asked for the police. Her father-in-law was a policeman but he worked in a top-notch ten-year-old department in another constabulary. He was only part-time these days. Once the police had been called they started looking for the murder weapon.</p> <p>The cleaner pointed to the large machine in the corner. On the X-ray machine was a note. A coded note. One they could not understand.</p> <p>They made a half-hearted attempt to read it. Twenty-five minutes passed. The police arrived sirens blaring. An ambulance also turned up. The cleaner recognised her ex-boyfriend who was the driver. Twenty-two minutes later the police began their investigation in the murder at the health spa .....</p> <p><b>killer wore a skirt</b></p>	A	.-	H	...	O	---	V	...-	B	-. .	I	..	P	,-.	W	.-	C	-. .	J	.-	Q	-. .	X	-. .	D	-. .	K	-. .	R	.-	Y	-. .	E	.	L	.-	S	...	Z	-. .	F	.-.	M	--	T	-	.	.....	G	--	N	-.	U	..-		
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## Day 5 Answers

Award **ONE** mark for any two matched correctly.

**Q3.**

35% indicated

**Q4.**

Award **ONE** mark for the percentages matched as shown:

