| Question | Answer |
| :---: | :---: |
| 1 | a) $\begin{aligned} & 4 \times 5=20 \\ & 4 \times 50=200 \\ & 4 \times 500=2,000 \end{aligned}$ <br> b) $4 \times 5$ of an amount $=20 \times$ amount <br> c) <br> (0.1) 0.1 0.1 <br> (0.1) 0.1 (0.1) <br> (0.1) 0.1 <br> 0.1 (0.1) <br> (0.1) <br> 0.1 <br> 0.1 (0.1) <br> $4 \times 0.5=2$ |
| 2 | a) $\begin{aligned} & 5 \times 7=35 \\ & 50 \times 7=350 \\ & 500 \times 7=3,500 \end{aligned}$ <br> c) $\begin{gathered} 8 \times 9=72 \\ 72 \div 9=8 \\ 720 \div 9=80 \\ 720 \div 8=90 \end{gathered}$ <br> b) $\begin{aligned} & 6 \times 3=18 \\ & 6 \times 300=1,800 \\ & 30 \times 6=180 \end{aligned}$ <br> d) $\begin{aligned} & 12 \times 5=60 \\ & 600 \div 12=50 \\ & 6,000 \div 500=12 \\ & 300 \div 12=25 \end{aligned}$ |
| 3 | $85 \times 50=4,250$ $425 \div 85=5$ <br> $85 \times 500=42,500$ $425 \div 5=85$ <br> $85 \times 5,000=425,000$ $4,250 \div 5=850$ <br>  $4,250 \div 850=5$ |
| 4 | $\begin{aligned} & 85 \times 6=85 \times 5+85=510 \\ & 86 \times 5=85 \times 5+5=430 \end{aligned}$ |
| 5 | When adding two numbers, we can add 1 to one number and subtract 1 from the other number to give the same total. <br> When subtracting two numbers, we can add or subtract 1 from both numbers to give the same difference. |
| 6 | 280 cm |

## Y6-Autumn - Block 2 - Step 15 - Reason from known facts Answers (continued)

| Question | Answer |
| :---: | :---: |
| 7 |  |
| 8 | $\begin{aligned} & 90 p \\ & 98-8 \times(99-98) \end{aligned}$ |

