Y6 - Autumn - Block 2 - Step 15 - Reason from known facts Answers

Question	Answer
1	a) $4 \times 5 = 20$ $4 \times 50 = 200$ $4 \times 500 = 2,000$ b) 4×5 of an amount = $20 \times$ amount c) 0.1
2	a) $5 \times 7 = 35$ $50 \times 7 = 350$ $500 \times 7 = 3,500$ b) $6 \times 3 = 18$ $6 \times 300 = 1,800$ $30 \times 6 = 180$ c) $8 \times 9 = 72$ $72 \div 9 = 8$ $720 \div 9 = 80$ $720 \div 8 = 90$ d) $12 \times 5 = 60$ $600 \div 12 = 50$ $6,000 \div 500 = 12$ $300 \div 12 = 25$
3	$85 \times 50 = 4,250$ $425 \div 85 = 5$ $85 \times 500 = 42,500$ $425 \div 5 = 85$ $85 \times 5,000 = 425,000$ $4,250 \div 5 = 850$ $4,250 \div 850 = 5$
4	$85 \times 6 = 85 \times 5 + 85 = 510$ $86 \times 5 = 85 \times 5 + 5 = 430$
5	2,502 + 1,749 5,251 - 1,750 2,500 + 1,750 4,249 - 1,750 2,501 + 1,750 4,250 - 1,749 4,250 - 1,749 When adding two numbers, we can add 1 to one number and subtract 1 from the other number to give the same total. 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	$17 \times 8 = \boxed{136}$ $170 \times 7 = \boxed{1,190}$ $17 \times 7 = \boxed{11,900}$ $170 \times \boxed{11,190 \div \boxed{17}} = 70$
8	90p 98 - 8 × (99 - 98)