

Y2 – Autumn – Block 2 – Step 4 – Bonds to 100 (tens) Answers

Question	Answer
1	a) $3 + 7 = 10$ b) $30 + 70 = 100$ Both parts involve $3 + 7$, but part a) is adding 3 ones and 7 ones while part b) is adding 3 tens and 7 tens.
2	a) $0 + 10 = 10$ $3 + 7 = 10$ $1 + 9 = 10$ $4 + 6 = 10$ $2 + 8 = 10$ $5 + 5 = 10$ Children may have the same number bonds but with the numbers the other way round, e.g. $4 + 6$ and $6 + 4$ b) $0 + 100 = 100$ $10 + 90 = 100$ $20 + 80 = 100$ $30 + 70 = 100$ $40 + 60 = 100$ $50 + 50 = 100$
3	a) $3 + 7 = 10$ $30 + 70 = 100$ $30 + 70 = 100$ $100 = 70 + 30$ b) $8 + 2 = 10$ $80 + 20 = 100$ $80 + 20 = 100$ $100 = 20 + 80$ c) $5 + 5 = 10$ $50 + 50 = 100$ $50 + 50 = 100$ $100 = 50 + 50$ d) $10 + 0 = 10$ $100 + 0 = 100$ $100 + 0 = 100$ $100 = 0 + 100$
4	$100 = 100 - 0$ $90 = 100 - 10$ $80 = 100 - 20$ $70 = 100 - 30$ $60 = 100 - 40$ $50 = 100 - 50$ continuation of pattern: $40 = 100 - 60$ $30 = 100 - 70$ $20 = 100 - 80$ $10 = 100 - 90$ $0 = 100 - 100$ pattern starting with 50: $50 = 50 - 0$ $40 = 50 - 10$ $30 = 50 - 20$ $20 = 50 - 30$ $10 = 50 - 40$ $0 = 50 - 50$ There are a total of 10 different patterns, starting with 10, 20, 30, ... 100