Day 1 Answers

Task 1	Task 2	Task 3	Task 4
Developing Task Answers 1. 157, 317 2. 126, 369 3. 15, 17, 19, 21, 23, 25, 27, 29, 31, 33. 4. 12, 15, 18, 21, 24, 27, 30, 33, 36, 39. 5. 0, 6, 12, 18, 24, 30, 36, 42, 48, 54. **Practice** Complete the number sequences. 1. 20, 31, 42, 53, 64, 75, 86. 2. 26, 23, 20, 17, 14, 11, 8. 3. 11, 17, 23, 29, 35, 41, 47. 4. -16, -9, -2, 5, 12, 19, 26. 5. 133, 130, 127, 124, 121, 118. 6. -25, -20, -15, -10, -5, 0, 5.	**Arithmetic** 1. 496 2. 355 3. 82 4. 4 5. 0 6. 7172 7. 29	**Problem Solving** Q1. (a) 11 written in the first box, as shown: 11 | 25 | 53 | (b) 109 written in the last box, as shown: | 25 | 53 | 109 Q2. (a) $\frac{3}{8}$ Written in the first box *Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.375* (b) $2\frac{7}{8}$ **OR** $\frac{23}{8}$ written in the last box *Accept equivalent fractions or an **exact** decimal equivalent, e.g. 2.875* Q3. 299,604	**Reasoning** Q4. Two numbers circled as shown: 255 (650) 735 (900) 995 *Accept alternative unambiguous indications, eg numbers ticked, crossed or underlined.* Q5. Explanation that recognises that the sequence does not always increase by four, with clear reference to the data, e.g. • The difference between 1996 and 1999 is three years, not four so it is not always every four years • It would be 2000 if it was every 4 years • It should have ended in 2016 **OR** Explanation that demonstrates that the sequence does not always increase by 4, but does not reference specific years from the data, e.g. • The cricket world cup was sometimes 3 years apart instead of 4 years apart • Not all of the years have 4 years difference between. ***Do not** accept vague or incomplete explanations, e.g.* • *It does not always increase by four* • *It should be 2000* • *The difference can be 3, 4 or 5 years at different times.* ***Do not** accept explanations which include incorrect mathematics or incorrect information that is relevant to the explanation, e.g.* • *1992 + 4 = 1996 + 3 = 1999*