## Autumn mark scheme

## Year 6 - Arithmetic

## General marking principles

- Answers should be single values in their simplest form unless the mark scheme says otherwise
- Accept reversed digits provided intention is clear e.g. a reversed 2 must clearly show the characteristics of a 2 rather than a 5
- Do not award the mark if more than one answer is given
- For numbers with four or more digits, accept answers with a comma positioned incorrectly or without a comma. Do not accept a decimal point or an apostrophe

| Question | Answer | Marks | Notes and guidance |
| :---: | :---: | :---: | :---: |
| 1 | 4 | 1 |  |
| 2 | 33,564 | 1 |  |
| 3 | 81 | 1 |  |
| 4 | 61,990 | 1 |  |
| 5 | 90,000 | 1 |  |
| 6 | 0 | 1 |  |
| 7 | $\frac{10}{11}$ | 1 | Accept equivalent fractions. |
| 8 | 97 | 1 |  |
| 9 | 70 | 1 |  |
| 10 | 117,396 | 1 |  |
| 11 | 8,106 | 2 | Award 1 mark for the formal method of long multiplication with no more than one arithmetic error. Do not award 1 mark if there is a place value error e.g. missing 0 when multiplying by the 10s. |
| 12 | $\frac{6}{7}$ | 1 | Accept equivalent fractions. |
| 13 | 40 | 1 |  |

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## Year 6 - Arithmetic

| Question | Answer | Marks | Notes and guidance |
| :---: | :--- | :---: | :--- |
| 14 | $\frac{7}{16}$ | 1 | Accept equivalent fractions or exact decimal i.e. <br> 0.4375 |
| 15 | 9,783 | 1 |  |
| 16 | 47 | 2 | Award 1 mark for a formal method of division <br> (long or short) with no more than ONE arithmetic <br> error, provided working is be carried through to <br> a final answer. |
| 17 | $1 \frac{7}{8}$ | 1 | Accept equivalent fractions or exact decimal i.e. <br> 1.875 |
| 18 | $\frac{1}{2}$ | 1 | Accept equivalent fractions or exact decimal i.e. <br> 0.5 |

Total : 20 marks

