

Arithmetic tests

Year 5

Spring Term

Guidance

All questions in the tests are worth 1 mark. For long multiplication award half a mark for the use of a formal method with no more than 1 arithmetic error.



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Answers

| Test 1 | Test 2 | Test 3 | Test 4 | Test 5 |
|--|--|--|---|---|
| 1) 19,000 | 1) 9 | 1) 4,853 | 1) $\frac{7}{8}$ or any equivalent fraction | 1) 117 |
| 2) 12,218 | 2) -2 | 2) 87 | 2) 266,616 | 2) 13.6 |
| 3) 3,600 | 3) 1,140 | 3) $\frac{3}{15}$ or any equivalent fraction | 3) 5.04 | 3) $10\frac{2}{3}$ |
| 4) 126^{r^3} | 4) 318^{r^3} | 4) 158,848 | 4) $4\frac{1}{2}$ | 4) 37,961 |
| 5) 48 | 5) $\frac{5}{10}$ or any equivalent fraction | 5) 7,744 | 5) 27 | 5) $\frac{4}{8}$ or any equivalent fraction |
| 6) -8 | 6) 1,230 | 6) 845^{r^2} | 6) 2,172 | 6) $1,458^{r^3}$ |
| 7) 36 | 7) 4,527 | 7) 15,000 | 7) 7,624 | 7) 490,374 |
| 8) 21,222 | 8) 182.3 | 8) -18 | 8) 354 | 8) 336.82 |
| 9) 68.9 | 9) 56 | 9) 27 | 9) -11 | 9) 20,900 |
| 10) $\frac{6}{5}$ or any equivalent fraction | 10) 9,422 | 10) 10 | 10) 123.39 | 10) -3 |

| Test 6 | Test 7 | Test 8 | Test 9 | Test 10 |
|---|---|---|---|---|
| 1) 89,650 | 1) 100 | 1) $\frac{3}{4}$ or any equivalent fraction | 1) $28\frac{4}{5}$ or any equivalent fraction | 1) 45 |
| 2) $\frac{7}{6}$ or any equivalent fraction | 2) 57,003 | 2) 327,066 | 2) 2,265 | 2) 64,385 |
| 3) 13 | 3) $\frac{1}{9}$ or any equivalent fraction | 3) 86,624 | 3) 174^{r^3} | 3) 106,550 |
| 4) 0.48 | 4) $32\frac{3}{4}$ or any equivalent fraction | 4) 989 | 4) $\frac{7}{8}$ or any equivalent fraction | 4) 408,848 |
| 5) 350 | 5) 15.65 | 5) 9 and $\frac{3}{9}$ or any equivalent fraction | 5) 668.25 | 5) 1.762 |
| 6) 10,632 | 6) 110 | 6) 5,642 | 6) 45,600 | 6) 562^{r^6} |
| 7) 64 | 7) -13 | 7) -7 | 7) 37,646 | 7) 13 |
| 8) 323,288 | 8) 167^{r^3} | 8) 162 | 8) -15 | 8) 1,089 |
| 9) $1,107^{r^3}$ | 9) 31,400 | 9) 307 | 9) 393,792 | 9) 11.83 |
| 10) 76.4 | 10) 348,096 | 10) 118.37 | 10) 0 | 10) $1\frac{10}{21}$ or any equivalent fraction |