

# 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