Year 6 Core Arithmetic Test 4

testbase

1	540 − 1 =	1 mark
2	342 + 56 =	1 mark
3	16 × 0 =	1 mark
4	34 + 56 + 72 =	1 mark
5	1357 ÷ 1 =	1 mark
6	3 × 7 =	1 mark
7	2923 + 100 =	1 mark

8	2045 − 812 =	1 mark
9	11^2 =	1 mark
10	3.6 ÷ 10 =	1 mark
11	12 × 5 × 6 =	1 mark
12	$0.1 = \frac{?}{100}$	1 mark
13	2185 × 7 =	1 mark
14	8628 ÷ 4 =	1 mark

15	15% of 250 =	1 mark
16	$\frac{1}{6}$ of 720 =	1 mark
17	$\frac{2}{3} = \frac{12}{?}$	1 mark
18	$\begin{array}{r} 125.9 \\ \times \quad 4 \\ \hline \end{array}$	1 mark
19	$\frac{1}{5} \times 70 =$	1 mark
20	5.09 + 27.4 =	1 mark
21	34.8 × 1000 =	1 mark

22	$0.7 \times 5 =$	1 mark
23	$\frac{1}{8} \times \frac{1}{2} =$	1 mark
24	$\begin{array}{r} 3326 \\ \times \quad 29 \\ \hline \end{array}$	2 marks
25	$34\overline{)7990} =$	2 marks
26	$65\% = \frac{?}{20}$	1 mark
27	$3\frac{3}{8} - 1\frac{5}{8} =$	1 mark
28	$\frac{3}{5} + \frac{1}{4} =$	1 mark

Mark scheme

1. 539 **[1]**

2. 398 **[1]**

3. 0 **[1]**

4. 162 **[1]**

5. 1357 **[1]**

6. 21 **[1]**

7. 3023 **[1]**

8. 1233 **[1]**

9. 121 **[1]**

10. 0.36 **[1]**

11. 360 **[1]**

12. 10 **[1]**

13. 15 295 **[1]**

14. 2157 **[1]**

15. 37.5 **[1]**

16. 120 **[1]**

17. 18 **[1]**

18. 503.6 **[1]**

19. 14 **[1]**

20. 32.49 **[1]**

21. 34 800 **[1]**

22. 3.5 **[1]**

23. $\frac{1}{16}$ **[1]**

24. *For 2 marks*: 96 454 **[2]**

For 1 mark:

$$\begin{array}{r} 3326 \\ \times \quad 29 \\ \hline 29934 \\ 66520 \\ \hline 96454 \end{array}$$

*An error in one row, then added correctly, **or** an error in the addition*

25. *For 2 marks*: 235 **[2]**

For 1 mark: Evidence of either a long division method or short division method with only one error (carry figures must be seen in a short division method)

26. 13 **[1]**

27. $1\frac{6}{8}$ or $1\frac{3}{4}$ **[1]**

28. $\frac{17}{20}$ or equivalent **[1]**