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	$0.1 = \dfrac{?}{100}$		1 mark

13	2185 × 7 =		1 mark

14	8628 ÷ 4 =		1 mark

testbase

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

testbase

22	$0.7 \times 5 =$	1 mark
23	$\dfrac{1}{8} \times \dfrac{1}{2} =$	1 mark
24	$\begin{array}{r} 3326 \\ \times \quad 29 \\ \hline \end{array}$	2 marks
25	$34\overline{)7990} =$	2 marks
26	$65\% = \dfrac{?}{20}$	1 mark
27	$3\dfrac{3}{8} - 1\dfrac{5}{8} =$	1 mark
28	$\dfrac{3}{5} + \dfrac{1}{4} =$	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. $\dfrac{1}{16}$ [1]

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

For 1 mark:

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       3326
 ×       29
      29934
      66520
      96454
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*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. $1\dfrac{6}{8}$ or $1\dfrac{3}{4}$ [1]

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