Year 6 Core Arithmetic Test 3

testbase

1	894 − 1 =	1 mark
2	27 × 0 =	1 mark
3	25 × 1 =	1 mark
4	469 − 100 =	1 mark
5	56 ÷ 8 =	1 mark
6	$\frac{1}{6}$ of 24 =	1 mark
7	53 689 + 8014 =	1 mark

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8	$6 \times 5 \times 4 =$	1 mark
9	$2\frac{1}{5} + 3\frac{2}{5} =$	1 mark
10	$2468 + 92 + 276 =$	1 mark
11	$0.47 = \frac{?}{100}$	1 mark
12	$\begin{array}{r} 5494 \\ - \quad 2516 \\ \hline \end{array}$	1 mark
13	$20.61 \times 10 =$	1 mark
14	$5\overline{)248} =$	1 mark

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15	319 × 6 =	1 mark
16	4^3 =	1 mark
17	$\frac{1}{4} = \frac{?}{24}$	1 mark
18	12% of 800 =	1 mark
19	98.4 ÷ 100 =	1 mark
20	$\frac{6}{7}$ of 42 =	1 mark
21	$\begin{array}{r} 284 \\ \times\ 47 \\ \hline \end{array}$	2 marks

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22	$\begin{array}{r} 34.9 \\ \times \quad 5 \\ \hline \end{array}$	1 mark
23	$34.8 - 9.76 =$	1 mark
24	$21\overline{)2751} =$	2 marks
25	$\frac{1}{3} \times \frac{1}{2} =$	1 mark
26	$30\% = \frac{?}{20}$	1 mark
27	$\frac{1}{3} \div \frac{3}{5} =$	1 mark
28	$\frac{1}{3} \div 4 =$	1 mark

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Mark scheme

1. 893 **[1]**

2. 0 **[1]**

3. 25 **[1]**

4. 369 **[1]**

5. 7 **[1]**

6. 4 **[1]**

7. 61 703 **[1]**

8. 120 **[1]**

9. $5\frac{3}{5}$ **[1]**

10. 2836 **[1]**

11. 47 **[1]**

12. 2978 **[1]**

13. 206.1 **[1]**

14. 49.6 or $49\frac{3}{5}$ or 49 r3 **[1]**

15. 1914 **[1]**

16. 64 **[1]**

17. 6 **[1]**

18. 96 **[1]**

19. 0.984 **[1]**

20. 36 **[1]**

21. *For 2 marks*: 13 348 **[2]**

For 1 mark:

$$\begin{array}{r} 284 \\ \times\ 47 \\ \hline 1988 \\ 11360 \\ \hline 13\,348 \end{array}$$

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

22. 174.5 **[1]**

23. 25.04 **[1]**

24. *For 2 marks*: 131 **[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)

25. $\frac{1}{6}$ **[1]**

26. 6 **[1]**

27. $\frac{14}{15}$ **[1]**

28. $\frac{1}{12}$ **[1]**

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