Year 6 Core Arithmetic Test 10

testbase

1	385 − 1 =		1 mark

2	16 ÷ 1 =		1 mark

3	8391 − 1000 =		1 mark

4	$\begin{array}{r} 4567 \\ +\ \underline{2451} \end{array}$		1 mark

5	$\frac{2}{7} + \frac{3}{7} =$		1 mark

6	476 + 19 − 371 =		1 mark

7	24 x 7 =		1 mark

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8	9 × 12 =		1 mark
9	11 × 4 × 2 =		1 mark
10	67.91 × 100 =		1 mark
11	1932 − 851 =		1 mark
12	$0.25 = \dfrac{?}{4}$		1 mark
13	0.02 = ? %		1 mark
14	5.55 ÷ 10 =		1 mark

15	$\dfrac{2}{3}$ of 24 =		1 mark
16	$\begin{array}{r} 12.5 \\ +\ \underline{87.6} \end{array}$		1 mark
17	$\begin{array}{r} 281.4 \\ \times\ \underline{\quad 3} \end{array}$		1 mark
18	0.08 × 9 =		1 mark
19	2416 ÷ 8 =		1 mark
20	$\dfrac{1}{9}$ of 549 =		1 mark
21	$\begin{array}{r} 35 \\ \times\ \underline{\quad 81} \end{array}$		2 marks

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22	$\dfrac{2}{5} = \dfrac{12}{?}$	1 mark
23	$1^3 + 7^2 =$	1 mark
24	$\dfrac{2}{5} \times 20 =$	1 mark
25	72% of 2000 =	1 mark
26	$27\overline{)6849} =$	2 marks
27	$\dfrac{3}{4} \times \dfrac{5}{7} =$	1 mark
28	$\dfrac{1}{3} \div 2 =$	1 mark

testbase

Mark scheme

1. 384 [1]

2. 16 [1]

3. 7391 [1]

4. 7018 [1]

5. $\dfrac{5}{7}$ [1]

6. 124 [1]

7. 168 [1]

8. 108 [1]

9. 88 [1]

10. 6791 [1]

11. 1081 [1]

12. 1 [1]

13. 2 [1]

14. 0.555 [1]

15. 16 [1]

16. 100.1 [1]

17. 844.2 [1]

18. 0.72 [1]

19. 302 [1]

20. 61 [1]

21. *For 2 marks*: 2835 [2]

For 1 mark:

$$
\begin{array}{r}
35 \\
\times\ 81 \\
\hline
35 \\
2800 \\
\hline
2835
\end{array}
$$

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

22. 30 [1]

23. 50 [1]

24. 8 [1]

25. 1440 [1]

26. *For 2 marks*: [2]

253 r18 or $253\dfrac{2}{3}$ or $253\dfrac{18}{27}$

or 253.7 or 253.6(66…)

For 1 mark: 253 or 254 or 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)

27. $\dfrac{15}{28}$ [1]

28. $\dfrac{1}{6}$ [1]