Year 6 Core Arithmetic Test 7

testbase

1	734 × 1 =	1 mark
2	834 − 10 =	1 mark
3	919 + 1 =	1 mark
4	35 ÷ 7 =	1 mark
5	961 × 0 =	1 mark
6	3816 + 345 =	1 mark
7	7 × 5 × 6 =	1 mark

8	868 ÷ 7 =	1 mark
9	$\frac{1}{8}$ of 32 =	1 mark
10	9372 – 7511	1 mark
11	876 + 543 − 198 =	1 mark
12	55% of 400 =	1 mark
13	45.9 × 100 =	1 mark
14	3456 × 5	1 mark

15	$\frac{4}{5} = \frac{?}{100}$	1 mark
16	82.7 × 6 =	1 mark
17	$4^3 - 2^2$ =	1 mark
18	2.89 ÷ 100 =	1 mark
19	$\frac{5}{6}$ of 72 =	1 mark
20	63.82 + 217.7 =	1 mark
21	720 ÷ 42 =	2 marks

22	$\frac{1}{4} \times \frac{1}{2} =$	1 mark
23	$0.1 = \frac{?}{50}$	1 mark
24	$\begin{array}{r} 2825 \\ \times \quad 26 \\ \hline \end{array}$	2 marks
25	$96\% = \frac{?}{25}$	1 mark
26	$3\frac{1}{3} + 1\frac{2}{9} =$	1 mark
27	$\frac{1}{3} + \frac{3}{7} =$	1 mark
28	$2\frac{3}{4} \times 3 =$	1 mark

Mark scheme

1. 734 **[1]**

2. 824 **[1]**

3. 920 **[1]**

4. 5 **[1]**

5. 0 **[1]**

6. 4161 **[1]**

7. 210 **[1]**

8. 124 **[1]**

9. 4 **[1]**

10. 1861 **[1]**

11. 1221 **[1]**

12. 220 **[1]**

13. 4590 **[1]**

14. 17 280 **[1]**

15. 80 **[1]**

16. 496.2 **[1]**

17. 60 **[1]**

18. 0.0289 **[1]**

19. 60 **[1]**

20. 281.52 **[1]**

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

17 r6 or $17\frac{6}{42}$ or $17\frac{1}{7}$ or 17.1(42…)

For 1 mark:

17 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)

22. $\frac{1}{8}$ **[1]**

23. 5 **[1]**

24. *For 2 marks*: 73 450 **[2]**

For 1 mark:

$$\begin{array}{r} 2825 \\ \times \quad 26 \\ \hline 16\,950 \\ 56\,500 \\ \hline 73\,450 \end{array}$$

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

25. 24 **[1]**

26. $4\frac{5}{9}$ **[1]**

27. $\frac{16}{21}$ **[1]**

28. $8\frac{1}{4}$ **[1]**