Year 6 Core Arithmetic Test 5

testbase

1	385 − 1 =	1 mark
2	258 × 1 =	1 mark
3	28 ÷ 7 =	1 mark
4	4598 + 1000 =	1 mark
5	246 × 0 =	1 mark
6	9876 + 2345	1 mark
7	63 × 5 =	1 mark

8	873 + 64 − 102 =	1 mark
9	12 × 5 × 2 =	1 mark
10	$\frac{1}{7}$ of 21 =	1 mark
11	8013 − 394 =	1 mark
12	0.06 × 100 =	1 mark
13	$\frac{1}{3} = \frac{?}{15}$	1 mark
14	4818 ÷ 5 =	1 mark

15	$98.31 \div 10 =$	1 mark
16	$\begin{array}{r} 72 \\ \times\ 63 \\ \hline \end{array}$	2 marks
17	$\begin{array}{r} 35.8 \\ \times\ \ 3 \\ \hline \end{array}$	1 mark
18	$2^3 + 1^2 =$	1 mark
19	95% of 200 =	1 mark
20	$2\frac{3}{5} + 1\frac{4}{5} =$	1 mark
21	$0.6 = \frac{?}{50}$	1 mark

22	$0.8 \times 4 =$	1 mark
23	$20\% = \frac{?}{20}$	1 mark
24	$\frac{7}{8}$ of $64 =$	1 mark
25	$1\frac{1}{4} \times 4 =$	1 mark
26	$42\overline{)9875} =$	2 marks
27	$\frac{3}{4} - \frac{1}{6} =$	1 mark
28	$\frac{1}{3} \div 3 =$	1 mark

Mark scheme

1. 384 **[1]**

2. 258 **[1]**

3. 4 **[1]**

4. 5598 **[1]**

5. 0 **[1]**

6. 12221 **[1]**

7. 315 **[1]**

8. 835 **[1]**

9. 120 **[1]**

10. 3 **[1]**

11. 7619 **[1]**

12. 6 **[1]**

13. 5 **[1]**

14. 963r3 or 963.6 or $963\frac{3}{5}$ **[1]**

15. 9.831 **[1]**

16. *For 2 marks*: 4536 **[2]**

For 1 mark:

$$\begin{array}{r} 72 \\ \times\ 63 \\ \hline 216 \\ 4320 \\ \hline 4536 \end{array}$$

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

17. 107.4 **[1]**

18. 9 (accept 3^2) **[1]**

19. 190 **[1]**

20. $4\frac{2}{5}$ **[1]**

21. 30 **[1]**

22. 3.2 **[1]**

23. 4 **[1]**

24. 56 **[1]**

25. 5 **[1]**

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

235 r5 or $235\frac{5}{42}$ or 235.1(19...)

For 1 mark: 235 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. $\frac{7}{12}$ **[1]**

28. $\frac{1}{9}$ **[1]**