Year 5 Extension Arithmetic Test 7

testbase

1	$\frac{8}{9} + \frac{8}{9} =$	1 mark
2	501 900 − 1000 − 1000 =	1 mark
3	7 × 40 =	1 mark
4	123 456 + 298 124	1 mark
5	210 000 + 450 000 =	1 mark
6	1392 × 6 =	1 mark
7	30 × 70 =	1 mark

8	88 084 + 8484 =	1 mark
9	9999 + 30 =	1 mark
10	$\frac{1}{8} \times 3 =$	1 mark
11	760 000 − 80 000 =	1 mark
12	360 ÷ 9 =	1 mark
13	4854 ÷ 6 =	1 mark
14	30 001 − ? = 20 002	1 mark

15	$\begin{array}{r} 80\,067 \\ -\ 54\,193 \\ \hline \end{array}$	1 mark
16	$7^2 + 1^3 =$	1 mark
17	$\begin{array}{r} 5.55 \\ \times\ \ 6 \\ \hline \end{array}$	1 mark
18	$789\,821 - 39\,927 =$	1 mark
19	$\frac{4}{5} \times 8 =$	1 mark
20	$\begin{array}{r} 56 \\ \times\ 92 \\ \hline \end{array}$	2 marks
21	$\frac{2}{3} - \frac{2}{9} =$	1 mark

22	$10.5 \div 7 =$	1 mark
23	$1500 \div 50 =$	1 mark
24	$1^2 + 8^2 - 3^2 =$	1 mark
25	$45.00 - 3.542 =$	1 mark
26	$\frac{1}{3} + \frac{5}{12} =$	1 mark
27	$\begin{array}{r} 2641 \\ \times \quad 58 \\ \hline \end{array}$	2 marks
28	$2\frac{4}{5} \times 3 =$	1 mark

Mark scheme

1. $1\frac{7}{9}$ or equivalent **[1]**

e.g. $\frac{16}{9}$

2. 499 900 **[1]**

3. 280 **[1]**

4. 421 580 **[1]**

5. 660 000 **[1]**

6. 8352 **[1]**

7. 2100 **[1]**

8. 96 568 **[1]**

9. 10 029 **[1]**

10. $\frac{3}{8}$ or equivalent **[1]**

11. 680 000 **[1]**

12. 40 **[1]**

13. 809 **[1]**

14. 9999 **[1]**

15. 25 874 **[1]**

16. 50 **[1]**

17. 33.3 **[1]**

18. 749 894 **[1]**

19. $6\frac{2}{5}$ or equivalent **[1]**

e.g. $\frac{32}{5}$

Do not accept unconventional mixed numbers e.g. $5\frac{7}{5}$

20. *For 2 marks*: 5152 **[2]**

For 1 mark:

$$\begin{array}{r} 56 \\ \times\ 92 \\ \hline 5040 \\ \\ 112 \\ \hline 5152 \end{array}$$

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

21. $\frac{4}{9}$ or equivalent **[1]**

22. 1.5 **[1]**

23. 30 **[1]**

24. 56 **[1]**

25. 41.458 **[1]**

26. $\frac{3}{4}$ or equivalent **[1]**

e.g. $\frac{9}{12}$

27. *For 2 marks*: 153 178 **[2]**

For 1 mark:

$$\begin{array}{r} 2641 \\ \times\ 58 \\ \hline 132050 \\ \\ 21128 \\ \hline 153178 \end{array}$$

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

28. $8\frac{2}{5}$ or equivalent **[1]**

e.g. $\frac{42}{5}$

Do not accept unconventional mixed numbers e.g. $6\frac{12}{5}$