Year 5 Extension Arithmetic Test 6

testbase

1	402 900 − 1000 − 1000 =	1 mark
2	$\frac{14}{9} - \frac{7}{9} =$	1 mark
3	5 × 40 =	1 mark
4	9999 + 200=	1 mark
5	56 690 + 15 735	1 mark
6	$\frac{1}{7} \times 4 =$	1 mark
7	3005 × 7 =	1 mark

8	370 000 + 95 000 =	1 mark
9	76 777 + 2345 =	1 mark
10	40 × 80 =	1 mark
11	980 000 − 190 000 =	1 mark
12	? + 5800 = 6300	1 mark
13	78 003 − 27 154	1 mark
14	320 ÷ 8 =	1 mark

15	$8^2 + 1^3 =$	1 mark
16	$\frac{5}{6} \times 3 =$	1 mark
17	5789 ÷ 7 =	1 mark
18	678 432 − 48 508 =	1 mark
19	4800 ÷ 40 =	1 mark
20	$\begin{array}{r} 5.48 \\ \times \quad 5 \\ \hline \end{array}$	1 mark
21	$\begin{array}{r} 49 \\ \times \quad 83 \\ \hline \end{array}$	2 marks

22	$1^2 + 9^2 - 3^2 =$	1 mark
23	$\frac{2}{3} - \frac{1}{9} =$	1 mark
24	$28.8 \div 3 =$	1 mark
25	$39.14 - 3.112 =$	1 mark
26	$\frac{3}{4} + \frac{11}{12} =$	1 mark
27	$\begin{array}{r} 1790 \\ \times \quad 48 \\ \hline \end{array}$	2 marks
28	$1\frac{5}{6} \times 4 =$	1 mark

Mark scheme

1. 400 900 **[1]**

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

3. 200 **[1]**

4. 10 199 **[1]**

5. 72 425 **[1]**

6. $\frac{4}{7}$ or equivalent **[1]**

7. 21 035 **[1]**

8. 465 000 **[1]**

9. 79 122 **[1]**

10. 3200 **[1]**

11. 790 000 **[1]**

12. 500 **[1]**

13. 50 849 **[1]**

14. 40 **[1]**

15. 65 **[1]**

16. $2\frac{1}{2}$ or equivalent **[1]**

e.g. $\frac{15}{6}$

Do not accept unconventional mixed numbers e.g. $1\frac{9}{6}$

17. 827 **[1]**

18. 629 924 **[1]**

19. 120 **[1]**

20. 27.4 **[1]**

21. *For 2 marks*: 4067 **[2]**

*Award only 1 mark if there is **either** one error in the multiplication steps, then added correctly, **or** no error in the multiplication steps but an error in the addition step.*

22. 73 **[1]**

23. $\frac{5}{9}$ or equivalent **[1]**

24. 9.6 **[1]**

25. 36.028 **[1]**

26. $1\frac{2}{3}$ or equivalent **[1]**

e.g. $\frac{20}{12}$

27. *For 2 marks*: 85 920 **[2]**

*Award only 1 mark if there is **either** one error in the multiplication steps, then added correctly, **or** no error in the multiplication steps but an error in the addition step.*

28. $7\frac{1}{3}$ or equivalent **[1]**

e.g. $\frac{44}{6}$

Do not accept unconventional mixed numbers e.g. $4\frac{20}{6}$