testbase

1	$468{,}888 + 1{,}000 + 1{,}000 =$		1 mark
2	$675{,}555 + 987 =$		1 mark
3	$\begin{array}{r} 2{,}716 \\ \times \quad\quad 7 \\ \hline \end{array}$		1 mark
4	$121{,}010 - {?} = 111{,}005$		1 mark
5	$\begin{array}{r} 725{,}305 \\ -\ 359{,}619 \\ \hline \end{array}$		1 mark
6	$1{,}571 \div 7 =$		1 mark
7	$-12 - 5 =$		1 mark
8	$4{,}200 \div 7 =$		1 mark

testbase

9	$40 \times 90 - 50 =$		1 mark
10	$820{,}000 - 405{,}000 =$		1 mark
11	$4{,}500 \div 300 =$		1 mark
12	$310 - 4 \times 60 =$		1 mark
13	$777{,}999 + 12 =$		1 mark
14	$40 \times 120 =$		1 mark
15	$500 \times 60 =$		1 mark
16	$4.11 \times 1000 =$		1 mark

17	$162.4 \div 100 =$		1 mark
18	$\dfrac{1}{3} \times \dfrac{1}{8} =$		1 mark
19	$0.6 = \dfrac{?}{50}$		1 mark
20	$0.8 \times 8 =$		1 mark
21	$\begin{array}{r} 487 \\ \times \quad 39 \\ \hline \end{array}$		2 marks
22	$80\% = \dfrac{?}{20}$		1 mark
23	$2^3 + 3^2 + 11^2 =$		1 mark
24	$22.872 + 5.6 =$		1 mark

25	$30 + 6 \times 2 - 5 =$		1 mark

26	$\begin{array}{r} 82.99 \\ \times \quad\quad 9 \\ \hline \end{array}$		1 mark

27	$481.8 - 9.394 =$		1 mark

28	$\begin{array}{r} 3196 \\ \times \quad\quad 48 \\ \hline \end{array}$		2 marks

29	$60.4 \div 8 =$		1 mark

30	$43\overline{)9875} =$		2 marks

31	$\dfrac{3}{4} + \dfrac{7}{12} =$		1 mark

32	$\dfrac{5}{6} \times 7 =$		1 mark

33	$\dfrac{7}{3} - \dfrac{4}{5} =$		1 mark
34	98% of 240 =		1 mark
35	$\dfrac{1}{3} \div 3 =$		1 mark
36	$4\dfrac{1}{3} \times 4 =$		1 mark
37	$2\dfrac{3}{5} + 1\dfrac{4}{7} =$		1 mark

Mark scheme

1. 470,888 **[1]**

2. 676,542 **[1]**

3. 19,012 **[1]**

4. 10,005 **[1]**

5. 365,686 **[1]**

6. 224 r 3 or equivalent **[1]**
e.g. $224\frac{3}{7}$

7. −17 **[1]**

8. 600 **[1]**

9. 3,550 **[1]**

10. 415,000 **[1]**

11. 15 **[1]**

12. 70 **[1]**

13. 778,011 **[1]**

14. 4,800 **[1]**

15. 30,000 **[1]**

16. 4,110 **[1]**

17. 1.624 **[1]**

18. $\frac{1}{24}$ **[1]**

19. $\frac{30}{50}$ **[1]**

20. 6.4 **[1]**

21. *For 2 marks*: 18,993 **[2]**

For 1 mark:

```
    487
×    39
  4383
 14610
 18993
```

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

22. $\frac{16}{20}$ **[1]**

23. 138 **[1]**

24. 28.472 **[1]**

25. 37 **[1]**

26. 746.91 **[1]**

27. 472.406 **[1]**

28. *For 2 marks*: 153,408 **[2]**

For 1 mark:

```
    3196
×     48
  25568
 127840
 153408
```

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

29. 7.55 **[1]**

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

229 rem 28 or equivalent

For 1 mark:

Evidence of either long division or short division method with only one error (carry figures must be seen in a short division method).

testbase

31. $1\frac{1}{3}$ or equivalent **[1]**

e.g. $\frac{16}{12}$, $1\frac{4}{12}$

32. $5\frac{5}{6}$ or equivalent **[1]**

e.g. $\frac{35}{6}$

33. $1\frac{8}{15}$ or equivalent **[1]**

e.g. $\frac{23}{15}$

34. 235.2 **[1]**

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

36. $17\frac{1}{3}$ or equivalent **[1]**

e.g. $\frac{52}{3}$

Do not accept unconventional

mixed numbers e.g. $16\frac{4}{3}$

37. $4\frac{6}{35}$ or equivalent **[1]**

e.g. $\frac{146}{35}$

Do not accept unconventional

mixed numbers e.g. $3\frac{41}{35}$