

Maths Homework, set 22.10.21, due 05.11.21

For your maths homework this week please complete the arithmetic questions below.

You may copy these into your homework book and solve them there.

The answers are also below so you can check your work **after** you have completed it.

1	$495 + 1 =$		 1 mark
2	$345 + 10 =$		 1 mark
3	$82 \times 1 =$		 1 mark
4	$\frac{1}{5}$ of 20 =		 1 mark
5	$36 \times 0 =$		 1 mark
6	$\begin{array}{r} 5813 \\ + 1359 \\ \hline \end{array}$		 1 mark
7	$87 \div 3 =$		 1 mark

8	$424 - 51 =$		 1 mark
9	$5^2 =$		 1 mark
10	$12 \times 5 \times 4 =$		 1 mark
11	$729 \times 4 =$		 1 mark
12	$5\% = \frac{?}{100}$		 1 mark
13	$7624 - 931 - 87 =$		 1 mark
14	$2.6 \times 10 =$		 1 mark

15	$0.3 \times 3 =$		 1 mark
16	$\frac{1}{7} = \frac{?}{21}$		 1 mark
17	$36.4 - 27.8 =$		 1 mark
18	15% of 90 =		 1 mark
19	$\begin{array}{r} 729 \\ \times \underline{54} \end{array}$		 2 marks
20	$\frac{7}{9}$ of 45 =		 1 mark
21	$221 \div 17 =$		 2 marks

22	$23.8 \div 1000 =$		 1 mark
23	$63.6 \times 7 =$		 1 mark
24	$\frac{5}{6} - \frac{2}{3} =$		 1 mark
25	$0.6 = \frac{?}{20}$		 1 mark
26	$\frac{4}{7} \div 2 =$		 1 mark
27	$\frac{1}{4} \times \frac{3}{7} =$		 1 mark
28	$2\frac{1}{8} - \frac{1}{4} =$		 1 mark

Mark scheme

1. 496 [1]

2. 355 [1]

3. 82 [1]

4. 4 [1]

5. 0 [1]

6. 7172 [1]

7. 29 [1]

8. 373 [1]

9. 25 [1]

10. 240 [1]

11. 2916 [1]

12. 5 [1]

13. 6606 [1]

14. 26 [1]

15. 0.9 [1]

16. 3 [1]

17. 8.6 [1]

18. 13.5 or $13\frac{1}{2}$ [1]

19. For 2 marks: 39 366 [2]

For 1 mark:

$$\begin{array}{r} 729 \\ \times 54 \\ \hline 2916 \\ 36450 \\ \hline 39366 \end{array}$$

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

20. 35 [1]

21. For 2 marks: 13 [2]

For 1 mark: 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. 0.0238 [1]

23. 445.2 [1]

24. $\frac{1}{6}$ [1]

25. 12 [1]

26. $\frac{2}{7}$ [1]

27. $\frac{3}{28}$ [1]

28. $1\frac{7}{8}$ [1]