

# Year 6 Maths Week 3 Answers

17  
34  
51  
68

1. 506

2. 633

3.  $\frac{10}{6} = \frac{14}{6}$  *1 mark for either answer*

4. 
$$\begin{array}{r} 6^2 8^1 3^0 6^1 \\ 546 \\ \hline 6290 \end{array}$$

5. 48

6. 
$$\begin{array}{r} 58^1 2^0 8^1 0^1 \\ 0.56 \\ \hline 5.74 \end{array}$$

7. 6519

8.  $3\frac{1}{3} \times 2 = 6\frac{2}{3}$   
 $3 \times 2 = 6$     $\frac{1}{3} \times 2 = \frac{2}{3}$

9.  $3^3 + 13 = (3 \times 3 \times 3) + 13 = 40$

10. 3200

11. 
$$\begin{array}{r} 1157 \\ 5 \overline{) 57835} \end{array}$$

12.  $5 + (3 \times 6) = 23$

13. 
$$\begin{array}{r} 71 \times \\ 63 \times \\ \hline 213 \end{array}$$

$71 \times 3 \rightarrow$     $71 \times 60 \rightarrow$

$$\begin{array}{r} 213 \\ 4260 \\ \hline 4473 \end{array}$$

14. 
$$\begin{array}{r} 103 \\ 17 \overline{) 3451} \\ \underline{34} \phantom{0} \\ 05 \\ \underline{00} \\ 00 \end{array}$$

15.  $2\frac{3}{4} + \frac{4}{5} \rightarrow 2\frac{15}{20} + \frac{16}{20}$   
 $= 2 + \frac{31}{20} \rightarrow 2\frac{11}{20} = 3\frac{11}{20}$

16.  $\frac{4}{5} \div 3 = \frac{4}{5} \times \frac{1}{3} = \frac{4}{15}$   
*flip the action*   *flip the fraction*

17. 6030

18. 25% of 358 *(25% =  $\frac{1}{4}$ )*  

$$\begin{array}{r} 89.5 \\ 4 \overline{) 3580} \end{array}$$

19. Nearest 10,000 = 120,000  
 Nearest 1,000 = 125,000  
 Nearest 100 = 124,500

20.  $8.50 + (6.75 \times 3)$   

$$\begin{array}{r} 6.75 \times 3 \\ \hline 20.25 \\ 21 \\ \hline 28.75 \end{array}$$
  

$$\begin{array}{r} 20.25 \\ 8.50 \\ \hline 28.75 \end{array}$$
  

$$\begin{array}{r} 28.75 \\ 5 \overline{) 28.75} \end{array}$$