

# Year 6 Multiplication: Missing Numbers

## Problem Solving with Long Multiplication

Use your knowledge of long multiplication to work out the missing numbers.

$$\begin{array}{r} 1. \quad 4 \_ 4 \\ \times \quad 47 \\ \hline 3108 \\ 17760 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 23 \_ \\ \times \quad 22 \\ \hline 468 \\ 4680 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 65 \_ \\ \times \quad 29 \\ \hline 5868 \\ 13040 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 3 \_ 9 \\ \times \quad 42 \\ \hline 738 \\ 14760 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 248 \\ \times \quad \_ 1 \\ \hline 248 \\ 7440 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 328 \\ \times \quad 4 \_ \\ \hline 1968 \\ 13120 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 431 \\ \times \quad 3 \_ \\ \hline 3017 \\ 12930 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 534 \\ \times \quad 5 \_ \\ \hline 4272 \\ 26700 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \_ 65 \\ \times \quad 57 \\ \hline 1855 \\ 13250 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 3 \_ 1 \\ \times \quad 64 \\ \hline 1404 \\ 21060 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 5 \_ 2 \\ \times \quad 52 \\ \hline 1124 \\ 28100 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 52 \_ \\ \times \quad 49 \\ \hline 4725 \\ 21000 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4 \_ 6 \\ \times \quad 58 \\ \hline 3488 \\ 21800 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \_ 31 \\ \times \quad \_ 47 \\ \hline 4417 \\ 25240 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 529 \\ \times \quad \_ 5 \\ \hline 2645 \\ 21160 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 4 \_ 2 \\ \times \quad 35 \\ \hline 2310 \\ 13860 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 549 \\ \times \quad \_ 6 \\ \hline 3294 \\ 32940 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 454 \\ \times \quad \_ 6 \\ \hline 2724 \\ 22700 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 35 \_ \\ \times \quad 65 \\ \hline 1770 \\ 21240 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 438 \\ \times \quad 4 \_ \\ \hline 3066 \\ 17520 \\ \hline \end{array}$$

# Year 6 Multiplication: Missing Numbers

## Problem Solving with Long Multiplication - Answers

$$\begin{array}{r} 1. \quad 444 \\ \times \quad 47 \\ \hline 3108 \\ 17760 \\ \hline 20868 \end{array}$$

$$\begin{array}{r} 6. \quad 234 \\ \times \quad 22 \\ \hline 468 \\ 4680 \\ \hline 5148 \end{array}$$

$$\begin{array}{r} 11. \quad 652 \\ \times \quad 29 \\ \hline 5868 \\ 13040 \\ \hline 18908 \end{array}$$

$$\begin{array}{r} 16. \quad 369 \\ \times \quad 42 \\ \hline 738 \\ 14760 \\ \hline 15498 \end{array}$$

$$\begin{array}{r} 2. \quad 248 \\ \times \quad 31 \\ \hline 248 \\ 7440 \\ \hline 7688 \end{array}$$

$$\begin{array}{r} 7. \quad 328 \\ \times \quad 46 \\ \hline 1968 \\ 13120 \\ \hline 15088 \end{array}$$

$$\begin{array}{r} 12. \quad 431 \\ \times \quad 37 \\ \hline 3017 \\ 12930 \\ \hline 15947 \end{array}$$

$$\begin{array}{r} 17. \quad 534 \\ \times \quad 58 \\ \hline 4272 \\ 26700 \\ \hline 30972 \end{array}$$

$$\begin{array}{r} 3. \quad 265 \\ \times \quad 57 \\ \hline 1855 \\ 13250 \\ \hline 15105 \end{array}$$

$$\begin{array}{r} 8. \quad 351 \\ \times \quad 64 \\ \hline 1404 \\ 21060 \\ \hline 22464 \end{array}$$

$$\begin{array}{r} 13. \quad 562 \\ \times \quad 52 \\ \hline 1124 \\ 28100 \\ \hline 29224 \end{array}$$

$$\begin{array}{r} 18. \quad 525 \\ \times \quad 49 \\ \hline 4725 \\ 21000 \\ \hline 25725 \end{array}$$

$$\begin{array}{r} 4. \quad 436 \\ \times \quad 58 \\ \hline 3488 \\ 21800 \\ \hline 25288 \end{array}$$

$$\begin{array}{r} 9. \quad 631 \\ \times \quad 47 \\ \hline 4417 \\ 25240 \\ \hline 29657 \end{array}$$

$$\begin{array}{r} 14. \quad 529 \\ \times \quad 45 \\ \hline 2645 \\ 21160 \\ \hline 23805 \end{array}$$

$$\begin{array}{r} 19. \quad 462 \\ \times \quad 35 \\ \hline 2310 \\ 13860 \\ \hline 16170 \end{array}$$

$$\begin{array}{r} 5. \quad 549 \\ \times \quad 66 \\ \hline 3294 \\ 32940 \\ \hline 36234 \end{array}$$

$$\begin{array}{r} 10. \quad 454 \\ \times \quad 56 \\ \hline 2724 \\ 22700 \\ \hline 25424 \end{array}$$

$$\begin{array}{r} 15. \quad 354 \\ \times \quad 65 \\ \hline 1770 \\ 21240 \\ \hline 23010 \end{array}$$

$$\begin{array}{r} 20. \quad 438 \\ \times \quad 47 \\ \hline 3066 \\ 17520 \\ \hline 20586 \end{array}$$