

Five Numbers and Four Operations 2

Answer Key

$$\begin{array}{r}
 1) ((9 - 2)^2 \times 2) - 12 + 3^2 \\
 (7^2 \times 2) - 12 + 9 \\
 (49 \times 2) - 12 + 9 \\
 98 - 12 + 9 \\
 95
 \end{array}$$

$$\begin{array}{r}
 6) (3^2 + (10 \div 2 + 4^2)) + 2^2 \\
 (3^2 + (10 \div 2 + 16)) + 2^2 \\
 (3^2 + (5 + 16)) + 2^2 \\
 (9 + 21) + 4 \\
 30 + 4 \\
 34
 \end{array}$$

$$\begin{array}{r}
 2) ((17 + 6) - (24 \div 8)^2) \times 6^2 \\
 (23 - (3)^2) \times 6^2 \\
 (23 - 9) \times 6^2 \\
 14 \times 6^2 \\
 14 \times 36 \\
 504
 \end{array}$$

$$\begin{array}{r}
 7) ((10 - 4) - (14 \div 2)^2) \times 4^2 \\
 (6 - (7)^2) \times 4^2 \\
 (6 - 49) \times 4^2 \\
 -43 \times 4^2 \\
 -43 \times 16 \\
 -688
 \end{array}$$

$$\begin{array}{r}
 3) ((6 + 3)^2 \times 2) - 11 - 3^2 \\
 (9^2 \times 2) - 11 - 9 \\
 (81 \times 2) - 11 - 9 \\
 162 - 11 - 9 \\
 142
 \end{array}$$

$$\begin{array}{r}
 8) (5^2 + (16 \div 2 + 3^2)) - 3^2 \\
 (5^2 + (16 \div 2 + 9)) - 3^2 \\
 (5^2 + (8 + 9)) - 3^2 \\
 (25 + 17) - 9 \\
 42 - 9 \\
 33
 \end{array}$$

$$\begin{array}{r}
 4) 12 + (3 + (4 + 5)^2) - 5 \\
 12 + (3 + 9^2) - 5 \\
 12 + (3 + 81) - 5 \\
 12 + 84 - 5 \\
 91
 \end{array}$$

$$\begin{array}{r}
 9) (16 \div 8)^2 + ((16 + 6) + 6^2) \\
 (2)^2 + (22 + 6^2) \\
 4 + (22 + 36) \\
 4 + 58 \\
 62
 \end{array}$$

$$\begin{array}{r}
 5) 17 + (2 + (11 - 2)^2) - 9 \\
 17 + (2 + 9^2) - 9 \\
 17 + (2 + 81) - 9 \\
 17 + 83 - 9 \\
 91
 \end{array}$$

$$\begin{array}{r}
 10) (10 \div 5)^2 + ((18 - 5) \times 3^2) \\
 (2)^2 + (13 \times 3^2) \\
 4 + (13 \times 9) \\
 4 + 117 \\
 121
 \end{array}$$