

Four Numbers and Three Operations 2

Answer Key

$$\begin{aligned}
 1) & ((4 + 6)^2 + 3) + 3^2 \\
 & (10^2 + 3) + 3^2 \\
 & (100 + 3) + 3^2 \\
 & 103 + 3^2 \\
 & 103 + 9 \\
 & 112
 \end{aligned}$$

$$\begin{aligned}
 6) & ((14 - 3) + (16 \div 8)^2) \\
 & (11 + (2)^2) \\
 & (11 + 4) \\
 & 15
 \end{aligned}$$

$$\begin{aligned}
 2) & 3 + (6 + (9 - 2)^2) \\
 & 3 + (6 + 7^2) \\
 & 3 + (6 + 49) \\
 & 3 + 55 \\
 & 58
 \end{aligned}$$

$$\begin{aligned}
 7) & ((6 + 4)^2 + 7) + 5^2 \\
 & (10^2 + 7) + 5^2 \\
 & (100 + 7) + 5^2 \\
 & 107 + 5^2 \\
 & 107 + 25 \\
 & 132
 \end{aligned}$$

$$\begin{aligned}
 3) & ((11 + 7) + (14 \div 2)^2) \\
 & (18 + (7)^2) \\
 & (18 + 49) \\
 & 67
 \end{aligned}$$

$$\begin{aligned}
 8) & 19 + (3 + (3 + 3)^2) \\
 & 19 + (3 + 6^2) \\
 & 19 + (3 + 36) \\
 & 19 + 39 \\
 & 58
 \end{aligned}$$

$$\begin{aligned}
 4) & 14 + ((16 - 5) \times 3^2) \\
 & 14 + (11 \times 3^2) \\
 & 14 + (11 \times 9) \\
 & 14 + 99 \\
 & 113
 \end{aligned}$$

$$\begin{aligned}
 9) & (3^2 + (15 \div 5 + 4^2)) \\
 & (3^2 + (15 \div 5 + 16)) \\
 & (3^2 + (3 + 16)) \\
 & (3^2 + 19) \\
 & (9 + 19) \\
 & 28
 \end{aligned}$$

$$\begin{aligned}
 5) & 14 + ((14 + 3) \times 3^2) \\
 & 14 + (17 \times 3^2) \\
 & 14 + (17 \times 9) \\
 & 14 + 153 \\
 & 167
 \end{aligned}$$

$$\begin{aligned}
 10) & (4^2 + (12 \div 2 + 4^2)) \\
 & (4^2 + (12 \div 2 + 16)) \\
 & (4^2 + (6 + 16)) \\
 & (4^2 + 22) \\
 & (16 + 22)
 \end{aligned}$$