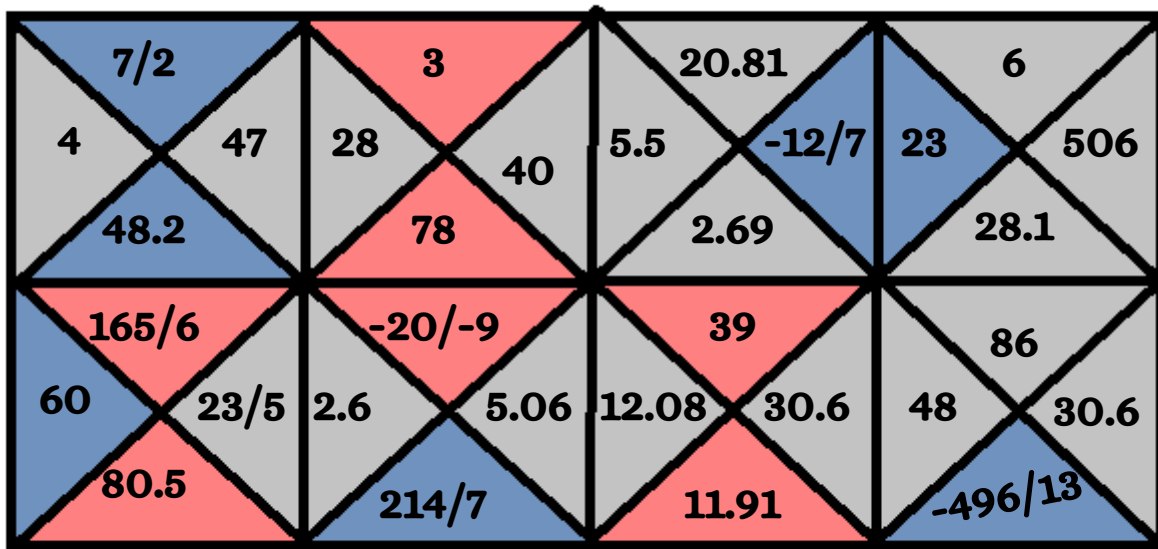


Answer



$$\begin{aligned}
 1. \quad & 4(d - 46) = 56 \\
 & 4d - 184 = 56 \\
 & 4d = 240 \\
 & d = 60
 \end{aligned}$$

$$\begin{aligned}
 2. \quad & 2(4 - a) + 3 = 18 \\
 & 8 - 2a + 3 = 18 \\
 & 11 - 2a = 18 \\
 & -2a = 7 \\
 & a = 7/2
 \end{aligned}$$

$$\begin{aligned}
 3. \quad & 190 = 3r + 4(r - 6) \\
 & 190 = 3r + 4r - 24 \\
 & 214 = 7r \\
 & 214/7 = 30.57 = r
 \end{aligned}$$

$$\begin{aligned}
 4. \quad & 5b - 3(b - 8) = 70 \\
 & 5b - 3b + 24 = 70 \\
 & 2b = 46 \\
 & b = 23
 \end{aligned}$$

$$\begin{aligned}
 5. \quad & 2(e - 48) + 3e = 145 \\
 & 2e - 96 + 3e = 145 \\
 & 5e = 145 + 96 \\
 & e = 241/5 = 48.2
 \end{aligned}$$

$$\begin{aligned}
 6. \quad & 6 = 5f + 6(3 - 2f) \\
 & 6 = 5f + 18 - 12f \\
 & 6 = 7f + 18 \\
 & -12 = 7f \\
 & -12/7 = -1.714 = f
 \end{aligned}$$

$$\begin{aligned}
 7. \quad & 7(2m - 98) - m = 190 \\
 & 14m - 686 - m = 190 \\
 & 13m = -496 \\
 & m = -496/13 = -38.15
 \end{aligned}$$

$$\begin{aligned}
 8. \quad & 70 = 2(w - 9) = w \\
 & 70 = 2w - 18 - w \\
 & 70 + 8 = w \\
 & 78 = w
 \end{aligned}$$

$$\begin{aligned}
 9. \quad & -4(17 + 3h) = -75 \\
 & -68 - 12h = -75 \\
 & -12h = -75 + 68 \\
 & -12h = -143 \\
 & h = -143/-12 = 11.91
 \end{aligned}$$

$$\begin{aligned}
 10. \quad & 1/2(t + 15) + t = 12 \\
 & 1t/2 + 15/2 + t = 12 \\
 & 1 + 2t/2 + 15/2 = 12 \\
 & 3t/2 + 15/2 = 12 \\
 & 3t/2 = 12 - 15/2 \\
 & 3t/2 = 24 - 15/2 \\
 & 3t/2 = 9/2 \\
 & t = 3
 \end{aligned}$$

$$\begin{aligned}
 11. \quad & 580 = 4(k + 60) + 18 \\
 & 580 = 4k + 240 + 18 \\
 & 580 = 4k + 258 \\
 & 322 = 4k \\
 & 322/4 = 80.5 = k
 \end{aligned}$$

$$\begin{aligned}
 12. \quad & -3(9 - n) - 2n = 12 \\
 & -27 + 3n - 2n = 12 \\
 & -27 + n = 12 \\
 & n = 12 + 27 \\
 & n = 39
 \end{aligned}$$

$$\begin{aligned}
 13. \quad & 7g + 8(4 - 2g) = 12 \\
 & 7g + 32 - 16g = 12 \\
 & -9g + 32 = 12 \\
 & -9g = -20 \\
 & g = 2.22 = -20/-9
 \end{aligned}$$

$$\begin{aligned}
 14. \quad & 200 = 3(2u + 15) - 80 \\
 & 200 = 6u + 45 - 80 \\
 & 200 = 6u - 35 \\
 & 165/6 = 27.54 = u
 \end{aligned}$$