

# Letter Puzzles

## Practice — ANSWER KEY

*Some letters are found by subtracting.*

**Think:** Once you know a letter, put its value everywhere it appears.

**1. Each letter stands for a whole number. Solve one letter, then use it in the next line.**

**1) Find each letter.**

$$P + P = 24$$

$$P + H = 20$$

$$T - P = 2$$

$$P - S = 4$$

$$P = 12 \quad H = 8 \quad T = 14 \quad S = 8$$

**3) Find each letter.**

$$P + P = 14$$

$$P + C = 19$$

$$C - K = 1$$

$$K + A = 15$$

$$P = 7 \quad C = 12 \quad K = 11 \quad A = 4$$

**2) Find each letter.**

$$F + F = 8$$

$$F + E = 16$$

$$M - F = 11$$

$$P - F = 9$$

$$F = 4 \quad E = 12 \quad M = 15 \quad P = 13$$

**4) Find each letter.**

$$H + H = 16$$

$$H + Y = 16$$

$$D - H = 1$$

$$Y - T = 6$$

$$H = 8 \quad Y = 8 \quad D = 9 \quad T = 2$$