

Letter Puzzles

Advanced — ANSWER KEY

Five letters — take them in order.

Think: Each new line adds exactly one new letter. Never guess — solve in order.

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

1) Find each letter.

$$N + N = 30$$

$$N + Y = 22$$

$$Y + J = 26$$

$$N + D = 20$$

$$Y + R = 27$$

$$N = 15 \quad Y = 7 \quad J = 19 \quad D = 5 \quad R = 20$$

3) Find each letter.

$$B + B = 40$$

$$B + H = 34$$

$$S - H = 3$$

$$B - K = 6$$

$$S - A = 15$$

$$B = 20 \quad H = 14 \quad S = 17 \quad K = 14 \quad A = 2$$

2) Find each letter.

$$F + F = 22$$

$$H - F = 8$$

$$F + A = 15$$

$$H + J = 29$$

$$J \times M = 190$$

$$F = 11 \quad H = 19 \quad A = 4 \quad J = 10 \quad M = 19$$

4) Find each letter.

$$F + F = 4$$

$$N - F = 1$$

$$E - N = 10$$

$$E - J = 5$$

$$J + C = 23$$

$$F = 2 \quad N = 3 \quad E = 13 \quad J = 8 \quad C = 15$$