

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.

$$S + S = 6$$

$$B - S = 4$$

$$F - S = 16$$

$$F + H = 21$$

$$H + N = 3$$

$$S = 3 \quad B = 7 \quad F = 19 \quad H = 2 \quad N = 1$$

3) Find each letter.

$$A + A = 36$$

$$A - M = 7$$

$$M + B = 23$$

$$B + P = 29$$

$$P - R = 13$$

$$A = 18 \quad M = 11 \quad B = 12 \quad P = 17 \quad R = 4$$

2) Find each letter.

$$A + A = 22$$

$$A - M = 1$$

$$R - M = 1$$

$$A - E = 6$$

$$E + C = 19$$

$$A = 11 \quad M = 10 \quad R = 11 \quad E = 5 \quad C = 14$$

4) Find each letter.

$$C + C = 14$$

$$C + A = 25$$

$$C + D = 21$$

$$C - B = 4$$

$$B \times N = 48$$

$$C = 7 \quad A = 18 \quad D = 14 \quad B = 3 \quad N = 16$$