

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.

$$E + E = 22$$

$$E + F = 21$$

$$E + S = 15$$

$$N - S = 4$$

$$E + P = 13$$

$$E = 11 \quad F = 10 \quad S = 4 \quad N = 8 \quad P = 2$$

3) Find each letter.

$$B + B = 2$$

$$B + N = 13$$

$$N + M = 13$$

$$M + C = 8$$

$$N - S = 6$$

$$B = 1 \quad N = 12 \quad M = 1 \quad C = 7 \quad S = 6$$

2) Find each letter.

$$J + J = 16$$

$$J + D = 18$$

$$S - D = 9$$

$$S + M = 27$$

$$D \times K = 130$$

$$J = 8 \quad D = 10 \quad S = 19 \quad M = 8 \quad K = 13$$

4) Find each letter.

$$T + T = 28$$

$$T - E = 7$$

$$E - H = 2$$

$$K - E = 11$$

$$H + J = 14$$

$$T = 14 \quad E = 7 \quad H = 5 \quad K = 18 \quad J = 9$$