



Decode the Maths Joke



Order of Operations

Calculate a value for each of the letters of the alphabet.

| | | |
|----------|-------------------------|-----|
| A | $4 + 2 \times 8$ | 20 |
| B | $5 \times 3 + 1$ | 16 |
| C | $8 + 10 \div 2$ | 13 |
| D | $4 \times 3^2 - 5$ | 31 |
| E | $10 - 2^2$ | 6 |
| F | $50 - 6 \times 3$ | 32 |
| G | $7 + 2 \times 4^2$ | 39 |
| H | $10^2 - 5 \times 3$ | 85 |
| I | $(5 + 3) \div (-9 + 1)$ | -1 |
| J | $20 - (2 - 5)^2$ | 11 |
| K | $8^2 + 16 \div 2$ | 72 |
| L | $(19 + 1) \div 2^2$ | 5 |
| M | -3×2^3 | -24 |

| | | |
|----------|-----------------------------------|-----|
| N | $8 + 3^3$ | 35 |
| O | $10^2 - 2 \times 7$ | 86 |
| P | $7 + 50 \div 5$ | 17 |
| Q | $60 - (7 - 3)^2$ | 44 |
| R | $7 - \sqrt{16}$ | 3 |
| S | $6 \times \sqrt{9 + 16}$ | 30 |
| T | $\sqrt[3]{125} - 4 \times 5$ | -15 |
| U | $\sqrt[3]{65 - 1} \times (3 - 7)$ | -16 |
| V | $\sqrt{36} - 2 \times 3^2$ | -12 |
| W | $32 - 20 \div 4$ | 27 |
| X | $(20 - \sqrt[3]{125})^2$ | 225 |
| Y | $(8 - 5)^3 - 15 \div 3$ | 22 |
| Z | $80 - \sqrt{144} \div 6$ | 78 |

Now decode the joke....

| | | | | | | | | | | | | | | |
|----|---|---|--|-----|----|-----|----|----|---|---|----|--|----|----|
| 20 | 3 | 6 | | -12 | 20 | -24 | 17 | -1 | 3 | 6 | 30 | | 39 | 86 |
| A | R | E | | V | A | M | P | I | R | E | S | | G | O |

| | | | | | | | | | | | | | | |
|----|----|--|----|-----|--|-----|----|-----|----|----|---|--|----|----|
| 86 | 31 | | 20 | -15 | | -24 | 20 | -15 | 85 | 30 | ? | | 35 | 86 |
| O | D | | A | T | | M | A | T | H | S | ? | | N | O |

| | | | | | | | | | | | | | | |
|-----|--|-----|----|---|---|----|----|--|----|----|-----|--|----|----|
| -15 | | -16 | 35 | 5 | 6 | 30 | 30 | | 22 | 86 | -16 | | 13 | 86 |
| T | | U | N | L | E | S | S | | Y | O | U | | C | O |

| | | | | | | | | | | | | | | |
|-----|----|-----|--|----|---|----|----|-----|---|----|---|--|--|--|
| -16 | 35 | -15 | | 31 | 3 | 20 | 13 | -16 | 5 | 20 | ! | | | |
| U | N | T | | D | R | A | C | U | L | A | ! | | | |