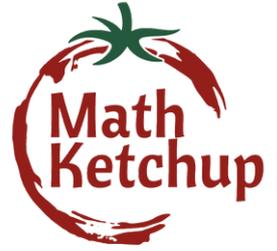


Creating Algebraic Equations



Level 1 - Translate words into algebraic equations

Level 2 - Translate equations into words

Answers:

Level 1

| |
|--------------------------------|
| 1) $m = xy$ |
| 2) $x = y - z$ |
| 3) $p = \frac{qr}{2}$ |
| 4) $f = \frac{a+b+c}{3}$ |
| 5) $k = \frac{m}{n}$ |
| 6) $p = \sqrt{qr}$ |
| 7) $m = n + p^2$ |
| 8) $f = \frac{1}{g}$ |
| 9) $y = x^2 + \sqrt{x}$ |
| 10) $h = \frac{f+g}{2}$ |
| 11) $m = \sqrt{\frac{1}{x^2}}$ |
| 12) $a = b^2 + c^2$ |
| 13) $x = \sqrt[3]{y^2}$ |
| 14) $r = \frac{x}{y^2}$ |

Level 2

| |
|---|
| 15) "c equals the product of a and b." |
| 16) "m equals the square root of n." |
| 17) "y plus two equals x squared plus two." |
| 18) "a squared equals b minus c." |
| 19) "three x minus two y equals two x." |
| 20) "r plus s equals p divided by q." |
| 21) "three times x, all squared, equals y." |
| 22) "y equals three times x squared." |
| 23) "the square root of a minus the square root of b equals c plus one." |
| 24) "the square root of (a minus b) equals c minus one." |
| 25) "the quotient of m minus two and n plus one is the product of m and n." |