



English Vocabulary

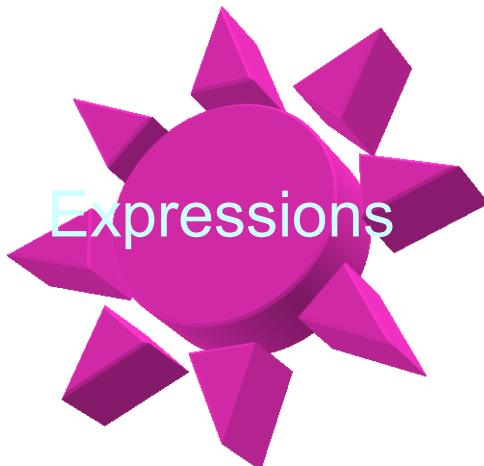


Mathematics Formulas

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Pronunciation Practise



a + b = c

a - b = c

a x b = c



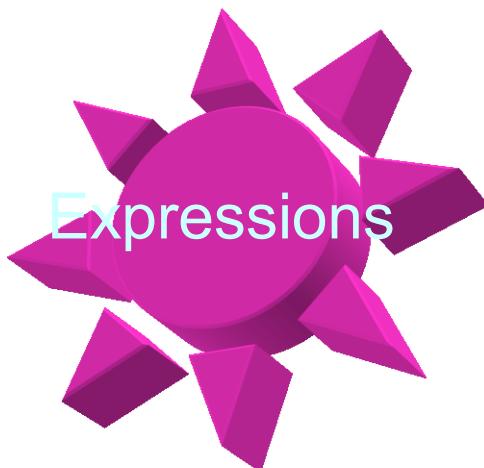
a plus b equals c

a minus b equals c

a times b equals c

a multiplied by b equals c

Pronunciation Practise



a / b = c

x^2

x^3



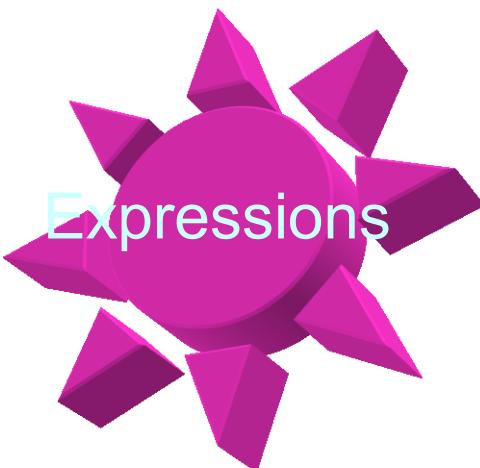
a over b equals c

a divided by b equals c

x squared

x cubed

Pronunciation Practise



x^n

\sqrt{x}

$\sqrt[n]{x}$



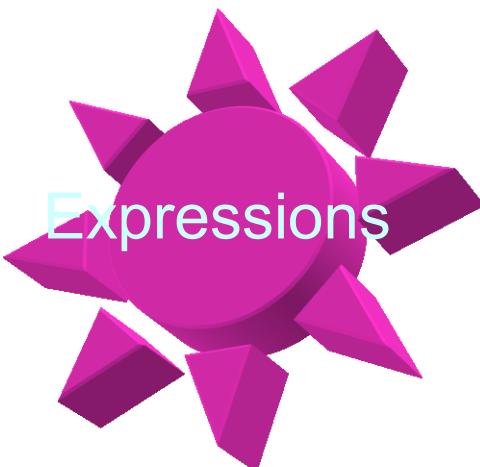
x to the power of n

x to the n

square root of x

n -th root of x

Pronunciation Practise



()

bracket

[]

square bracket

ABC

capital letters

abc

small letters



Examples

$$(a - b)(a + b) = y$$

a minus b in bracket times a plus b in bracket equals y

$$a(7 - b) = y$$

a open bracket times 7 minus b close bracket equals y



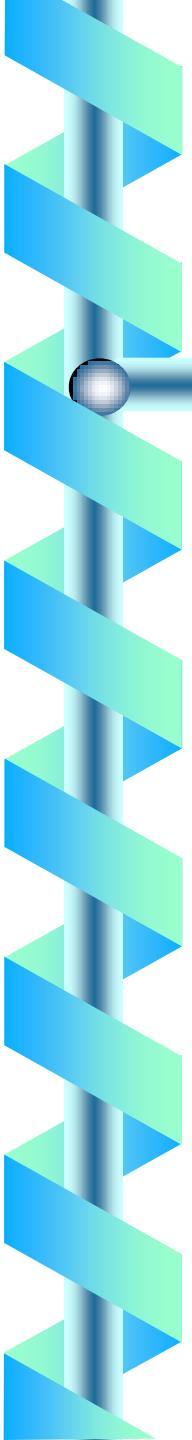
Examples

$$\frac{12 + (a + b)}{7a} = b$$

12 plus a minus b in bracket all over $7a$ equals b

$$x[(a - b)(a + b) - 7] = 0$$

x open square a minus b in bracket times a plus b in bracket minus 7 close square bracket equals oh.



Exercises



$$1. \ x + y = \frac{A}{a - b}$$

$$2. \ x = \frac{a + b}{c}$$

$$3. \ l = a + (n - 1)d$$

$$4. \ \frac{1}{u} + \frac{1}{v} = \frac{1}{f}$$

$$5. \ \sqrt{xy}$$

$$6. \ \int_1^4 x^4 dx$$

$$7. \ \int_0^2 \left(a + b^{1/2} \right)^2 da$$

$$8. \ \int \sqrt[3]{(x - a^2)} dx$$