



English Vocabulary

Mathematics Formulas

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Pronunciation Practise



Expressions

$$a + b = c$$

$$a - b = c$$

$$a \times b = c$$



Pronunciation

a plus b equals c

a minus b equals c

a times b equals c

a multiplied by b equals c

Pronunciation Practise



Expressions

$$a / b = c$$

$$x^2$$

$$x^3$$



Pronunciation

a over b equals c

a divided by b equals c

x squared

x cubed

Pronunciation Practise

Expressions



$$x^n$$

$$\sqrt{x}$$

$$\sqrt[n]{x}$$

Pronunciation



x to the power of n

x to the n

square root of x

n-th root of x

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Expressions

()

[]

ABC

abc



Pronunciation

bracket

square bracket

capital letters

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

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

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

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

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

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

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

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

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