

Translating Expressions

Math Language:

- is/was/are/has : equal to ($=$)
- difference : subtract ($-$)
- more : add ($+$)
- times : multiply (\cdot)
- product : multiply (\cdot)
- * • less than : subtract ($-$), but subtract the second number first
- sum : add ($+$)
- quotient : divide (\div)
- minus : subtract ($-$)
- "of a number" : multiply (\cdot)
- "a number" : variable (x, n, \dots)

Ex 1: 2 minus a number

$$\underbrace{2}_{2} - \underbrace{x}_{x}$$
$$\boxed{2-x}$$

Ex 2: $\frac{2}{5}$ of a number plus 8

$$\underbrace{\frac{2}{5} \cdot x}_{\frac{2}{5} \cdot x} + \underbrace{8}_{8}$$
$$\boxed{\frac{2}{5}x + 8}$$

Ex 3: A number divided by 4 plus 9 is fifty.

$$\underbrace{x}_{x} \div \underbrace{4}_{4} + \underbrace{9}_{9} = \underbrace{50}_{50}$$
$$\boxed{\frac{x}{4} + 9 = 50}$$

Ex 4: 5 less than a number

$$x - 5$$
$$\boxed{x-5}$$

subtract the 5
from the variable

Ex 5: $2x - 4$

2 times a number minus 4

2 of a number minus 4

4 less than a number times 2