

: pg 27-29

- ① equation
- ③ expression
- ⑤ inequality
- ⑦ solution
- ⑮ not a solution
- ⑲ solution
- ⑳ not a solution
- ㉓ solution
- ㉕ solution

- ⑤① solution
- ⑤③ not a solution
- ⑤⑤ solution
- ⑥① B
- ⑥③ B
- ⑥⑤ 16
- ⑥⑨ 7^2
- ⑦③ $(8d)^3$
- ⑦⑦ 3

- ⑧① 9
- ⑧⑤ 0.457
- ⑧⑨ 0.3
- ⑤⑦ 34 Boys
or
More

1.5. Translating Words into Math Symbols

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Adding Phrases:

The sum of 7 and a number.

$$\underline{\underline{7 + n}}$$

8 more than a number.

$$\underline{\underline{n + 8}}$$

A number plus 5.

$$\underline{\underline{n + 5}}$$

A number increased by 9.

$$\underline{\underline{n + 9}}$$

Subtraction Phrases:

The difference between
5 and a number

$$\underline{\underline{5-n}}$$

7 minus a number

$$\underline{\underline{7-n}}$$

A number decreased by 9

$$\underline{\underline{n-9}}$$

4 less than a number

$$\underline{\underline{a-4}}$$

Multiplication + Division Phrases

The product of 9 and a number.

$$9 \cdot \triangle$$

10 times a number. $10x$

A number multiplied by 7.



$$\cdot 7$$



One fourth of a number.

$$\frac{\quad}{4}$$

The quotient of a number and 5

$$\frac{a}{5}$$

7 divided by a number. $\frac{7}{x}$

Translating Sentences

The sum of a number 't' and 12 is 16.

$$t + 12 = 16$$

The quotient of 15 and a number 's' is less than 3

$$\frac{15}{s} < 3$$

Real Life Math:

* Long Distance Call.

* Rate is \$.20 for each min.

* The total cost of the call was \$6.00.

? How Long was the Call?

* Let m = the # of min.

$$.20m = 6 \quad \text{Mental math}$$

What number times
.20 equals 6?

30

O.T.L.

② pg 33-34: 2-54 even