

: 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.

8 more than a number.

A number plus 5.

A number increased by 9.

$$7 + t$$
$$x + 8$$

$$x + 5$$
$$c + 9$$

Subtraction Phrases:

The difference between
5 and a number

$$5 - x$$

7 minus a number

$$7 - z$$

A number decreased by 9

$$x - 9$$

4 less than a number

$$c - 4$$

Multiplication + Division Phrases

The product of 9 and a number. $9(x)$

10 times a number. $10 \times a$

A number multiplied by 7. $n \times 7$

One fourth of a number. $\frac{M}{4}$

The quotient of a number and 5. $\frac{M}{5}$

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