

: pg 27-29

- | | | |
|------------------|-------------------|--------------------------|
| ① equation | ⑤① solution | ⑧① 9 |
| ③ expression | ⑤③ not a solution | ⑧⑤ 0.457 |
| ⑤ inequality | ⑤⑤ solution | ⑧⑨ 0.3 |
| ⑦ solution | ⑥① B | ⑤⑦ 34 Boys
or
More |
| ⑪ not a solution | ⑥③ B | |
| ⑬ solution | ⑥⑤ 16 | |
| ⑮ not a solution | ⑥⑨ 72 | |
| ⑲ solution | ⑦③ $(8d)^3$ | |
| ⑳ solution | ⑦⑦ 3 | |

1.5. Translating Words into Math Symbols

Sept. 25, 2006

Adding Phrases:

The sum of 7 and a number. $7 + n$

8 more than a number. $8 + n$

A number plus 5. $n + 5$

A number increased by 9. $n + 9$

Subtraction Phrases:

The difference between
5 and a number

$$5 - n$$

7 minus a number

$$7 - n$$

A number decreased by 9

$$n - 9$$

4 less than a number

$$\underline{\underline{n - 4}}$$

Multiplication + Division Phrases

The product of 9 and a number. $9 \cdot n$
 $9n$
 $9(n)$

10 times a number. $10 \cdot n$

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

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

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

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

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 multiplied by .2 equals 6?

30 min

O.T.L.

② pg 33-34: 2-54 even