: pg 23-29

1) equation

3) expression

5) inequality

7) solution

17) not a solution

19) solution

21) 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 Boxes or More

1.5. Translating Words into Math Symbols

Sept. 13, 2006

Adding Phrases:

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

8 more than a number. $x+8$

A number plus 5. $x+5$

A number increased by 9. $x+9$

Subtraction Phrases:

The difference between 5 and a number $5 - x$

7 minus a number $7 - x$

A number decreased by 9 $x - 9$

4 less than a number $x - 4$

Multiplication + Division Phrases

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

10 times a number. $10 \cdot x$

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

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

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

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.

$.20m = 6$ Mental math

What number times .20 equals 6?

30

O.T.L.

② pg 33-34: 2-54 even