

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TRANSLATING WORDS: Worksheet 2

Translate the following to math notation. Use  $n$  for the variable.

- 1) 22 more than a number
- 2) A number decreased by 11
- 3) 19 less than six times a number
- 4) The quotient of a number and 8
- 5) 4 times a number increased by 1
- 6) The difference of a number and 7
- 7) The difference of 10 times a number and 3
- 8) The sum of 8 and a number
- 9) 14 more than three times a number
- 10) The quotient of 6 and a number all decreased by 8

KEY

TRANSLATING WORDS: Worksheet 2

Translate the following to math notation. Use  $n$  for the variable.

- 1) 22 more than a number

$$n + 22$$

- 2) A number decreased by 11

$$n - 11$$

- 3) 19 less than six times a number

$$6n - 19$$

- 4) The quotient of a number and 8

$$\frac{n}{8} \quad \text{OR} \quad n \div 8$$

- 5) 4 times a number increased by 1

$$4n + 1$$

- 6) The difference of a number and 7

$$n - 7$$

- 7) The difference of 10 times a number and 3

$$10n - 3$$

- 8) The sum of 8 and a number

$$8 + n$$

- 9) 14 more than three times a number

$$3n + 14$$

- 10) The quotient of 6 and a number all decreased by 8

$$\frac{6}{n} - 8$$