

INEQUALITIES



"Greater than" means "to the _____ of
on the number line.

The mathematical symbol for "greater than"
is _____.

Notice that the symbol looks like the head of an arrow
that points to the right.

↳ EXAMPLE 1:

TRUE OR FALSE?

a) $-3 > -4$ _____

b) $-4 > -3$ _____

c) $-37 > -36$ _____

"Less than" means "to the _____ of" on
the number line.

The mathematical symbol for "less than"
is _____.

Notice that the symbol looks like the head of an arrow
that points to the left.

↳

EXAMPLE 2:

TRUE OR FALSE?

a) $7 < 8$

b) $-7 < -8$

c) $-37 < -36$

↳

EXAMPLE 3:

Translate the following word statement
into a math statement:

4 is less than 7

ANSWER:

↳

EXAMPLE 4:

Translate the following word statement
into a math statement:

13 is greater than 10

ANSWER:

↳

EXAMPLE 5:

Translate the following math statement
into a word statement:

$$14 > 5$$

ANSWER:

INEQUALITIES Practice Problems

1. TRUE OR FALSE?

a) $3 < 2$

b) $-3 < -2$

c) $5 > 7$

d) $-5 > -7$

2. Write either $<$ or $>$ in each box to make the statement true.

a) $9 \square 10$

b) $0 \square -1$

c) $-3 \square 5$

d) $-19 \square -20$

3. Translate $17 > 4$ into words.

4. Translate "-2 is less than -1" into a math statement