

Name : _____

Translating Linear Inequalities

BS1

Translate each verbal phrase into an inequality.

1) 5 is not more than x

3) x is greater than or equal to 12

5) Value of x is greater than 7

7) x is not more than 13

9) Value of x is atleast 1

11) Value of x is less than or equal to 10

13) 16 is less than x

15) Value of x is not greater than 18

2) Value of x is greater than or equal to 14

4) 6 is not less than x

6) x is greater than 15

8) 9 is less than or equal to x

10) Value of x is less than 14

12) x is more than 3

14) Value of x is atmost 8

16) 2 is more than x

Name : _____

Answer Key

Translating Linear Inequalities

BS1

Translate each verbal phrase into an inequality.

1) 5 is not more than x

$$\underline{5 \leq x}$$

3) x is greater than or equal to 12

$$\underline{x \geq 12}$$

5) Value of x is greater than 7

$$\underline{x > 7}$$

7) x is not more than 13

$$\underline{x \leq 13}$$

9) Value of x is atleast 1

$$\underline{x \geq 1}$$

11) Value of x is less than or equal to 10

$$\underline{x \leq 10}$$

13) 16 is less than x

$$\underline{16 < x}$$

15) Value of x is not greater than 18

$$\underline{x \leq 18}$$

2) Value of x is greater than or equal to 14

$$\underline{x \geq 14}$$

4) 6 is not less than x

$$\underline{6 \geq x}$$

6) x is greater than 15

$$\underline{x > 15}$$

8) 9 is less than or equal to x

$$\underline{9 \leq x}$$

10) Value of x is less than 14

$$\underline{x < 14}$$

12) x is more than 3

$$\underline{x > 3}$$

14) Value of x is atmost 8

$$\underline{x \leq 8}$$

16) 2 is more than x

$$\underline{2 > x}$$