

Name : _____

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Translating Linear Inequalities

BS1

Translate each verbal phrase into an algebraic expression:

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

Translating Linear Inequalities

BS1

Translate each verbal phrase into an algebraic expression:

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

$$\underline{2 > x}$$

Translating Linear Inequalities

BS2

Translate each verbal phrase into an algebraic expression:

1) Value of x is less than 9

2) 10 is not more than x

3) x is more than 15

4) Value of x is less than or equal to 65) Value of x is at most 12

7) 12 is more than x

9) Value of x is greater than 8

11) 19 is not less than x

13) x is less than 18

15) Value of x is at least 14

14) Value of x is greater than 2

16) 5 is less than or equal to x

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Translating Linear Inequalities

BS2

Translate each verbal phrase into an algebraic expression:

1) Value of x is less than 9

$$\underline{x < 9}$$

2) 10 is not more than x

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

3) x is more than 15

$$\underline{x > 15}$$

4) Value of x is less than or equal to 6

$$\underline{x \leq 6}$$

5) Value of x is at most 7

$$\underline{x \leq 7}$$

7) 12 is more than x

$$\underline{12 > x}$$

9) Value of x is greater than or equal to 1

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

11) 19 is not less than x

$$\underline{19 \geq x}$$

13) x is less than 18

$$\underline{x < 18}$$

14) Value of x is greater than 2

$$\underline{x > 2}$$

15) Value of x is at least 14

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

16) 5 is less than or equal to x

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

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Translating Linear Inequalities

BS3

Translate each verbal phrase into an algebraic expression:

1) Value of x is greater than or equal to 12

2) 9 is less than x

3) 3 is not less than x

4) x is greater than or equal to 145) x is less than 12

7) Value of x is at least

9) 20 is not more than

11) Value of x is less than

13) x is more than 4

15) Value of x is less than or equal to 15

14) Value of x is at most 19

16) 10 is more than x

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Translating Linear Inequalities

BS3

Translate each verbal phrase into an algebraic expression:

1) Value of x is greater than or equal to 12

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

2) 9 is less than x

$$\underline{9 < x}$$

3) 3 is not less than x

$$\underline{3 \geq x}$$

4) x is greater than or equal to 14

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

5) x is less than 12

$$\underline{x < 12}$$

7) Value of x is at least 5

$$\underline{x \geq 5}$$

9) 20 is not more than x

$$\underline{20 \leq x}$$

11) Value of x is less than 6

$$\underline{x < 6}$$

13) x is more than 4

$$\underline{x > 4}$$

14) Value of x is at most 19

$$\underline{x \leq 19}$$

15) Value of x is less than or equal to 15

$$\underline{x \leq 15}$$

16) 10 is more than x

$$\underline{10 > x}$$

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