Name : _____ Score : _____

Translating Linear Inequalities

BS1

Translate each verbal phrase into an algebraic expression:

1)	5 is not more than x	2)	Value of x is greater than or equal to 14
3)	x is greater than or equal to 12	4)	6 is not less than x
5)	Value of x is greater than 7	6)	x is greater than 15
7)	x is not more than 13	8)	9 is less than or equal to x
9)	Value of x is atleast 1	10)	Value of x is less than 14
11)	Value of x is less than or equal to 10	12)	x is more than 3
13)	16 is less than x	14)	Value of x is atmost 8
15)	Value of x is not greater than 18	16)	2 is more than x

Name : _____ Score : _____

Answer key

Translating Linear Inequalities

BS1

Translate each verbal phrase into an algebraic expression:

1) 5 is not more than x

5 ≤ x

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

x ≥ 14

3) x is greater than or equal to 12

x ≥ 12

4) 6 is not less than x

6 ≥ x

5) Value of x is greater than 7

x > 7

6) x is greater than 15

x > 15

7) x is not more than 13

x ≤ 13

8) 9 is less than or equal to x

9 ≤ x

9) Value of x is atleast 1

x ≥ 1

10) Value of x is less than 14

x < 14

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

x ≤ 10

12) x is more than 3

x > 3

13) 16 is less than x

16 < x

14) Value of x is atmost 8

x ≤ 8

15) Value of x is not greater than 18

x ≤ 18

16) 2 is more than x

2 > x

Name : _____ Score : _____

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 6

_____

5) Value of x is atmo

_____

7) 12 is more than x

_____

greater than 8

9) Value of x is great

_____

an x

11) 19 is not less than

_____

or equal to 3

13) x is less than 18

_____

14) Value of x is greater than 2

_____

15) Value of x is atleast 14

_____

16) 5 is less than or equal to x

_____

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Answer key

Translating Linear Inequalities

BS2

Translate each verbal phrase into an algebraic expression:

1) Value of x is less than 9

x < 9

2) 10 is not more than x

10 ≤ x

3) x is more than 15

x > 15

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

x ≤ 6

5) Value of x is atmo

x ≤ 7

7) 12 is more than x

12 > x

greater than 8

9) Value of x is great

x ≥ 1

an x

11) 19 is not less than

19 ≥ x

or equal to 3

13) x is less than 18

x < 18

14) Value of x is greater than 2

x > 2

15) Value of x is atleast 14

x ≥ 14

16) 5 is less than or equal to x

5 ≤ x

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Name : _____ Score : _____

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 14

_____

5) x is less than 12

_____

ter than 8

7) Value of x is atleas

_____

an x

9) 20 is not more tha

_____

qual to x

11) Value of x is less t

_____

greater than 11

13) x is more than 4

_____

14) Value of x is atmost 19

_____

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

_____

16) 10 is more than x

_____

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Name : _____ Score : _____

Answer key

Translating Linear Inequalities

BS3

Translate each verbal phrase into an algebraic expression:

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

x ≥ 12

2) 9 is less than x

9 < x

3) 3 is not less than x

3 ≥ x

4) x is greater than or equal to 14

x > 14

5) x is less than 12

x < 12

7) Value of x is atleas

x ≥ 5

9) 20 is not more tha

20 ≤ x

11) Value of x is less t

x < 6

13) x is more than 4

x > 4

14) Value of x is atmost 19

x ≤ 19

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

x ≤ 15

16) 10 is more than x

10 > x

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Name : _____ Score : _____

Translating Linear Inequalities

OS1

Translate each verbal phrase into an algebraic expression:

1)	The quotient of x and 3 is less than or equal to 5	_____
2)	The difference between x and 4 is greater than 10	_____
3)	The product of x and 7 is not greater than 21	_____
4)	x reduced by 13 is atleast 15	_____
5)	x take away 5 is less than 8	_____
6)	x multiplied by 11 is less than or equal to 22	_____
7)	The ratio of x to 4 is not less than 9	_____
8)	13 more than x is greater than 14	_____
9)	2 subtracted from x is atmost 3	_____
10)	A total of six and x is less than 20	_____

Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

OS1

Translate each verbal phrase into an algebraic expression:

1)	The quotient of x and 3 is less than or equal to 5	$\frac{x}{3} \leq 5$
2)	The difference between x and 4 is greater than 10	$x - 4 > 10$
3)	The product of x and 7 is not greater than 21	$7x \leq 21$
4)	x reduced by 13 is atleast 15	$x - 13 \geq 15$
5)	x take away 5 is less than 8	$x - 5 < 8$
6)	x multiplied by 11 is less than or equal to 22	$11x \leq 22$
7)	The ratio of x to 4 is not less than 9	$\frac{x}{4} \geq 9$
8)	13 more than x is greater than 14	$x + 13 > 14$
9)	2 subtracted from x is atmost 3	$x - 2 \leq 3$
10)	A total of six and x is less than 20	$6 + x < 20$

Name : _____ Score : _____

Translating Linear Inequalities

OS2

Translate each verbal phrase into an algebraic expression:

1)	A total of four and x is less than or equal to 8	_____
2)	17 subtracted from x is atleast 19	_____
3)	11 more than x i	_____
4)	x multiplied by 6	_____
5)	The ratio of x to	_____
6)	x take away 7 is	_____
7)	3 more than x is	_____
8)	The product of x and 8 is not less than 16	_____
9)	The difference between x and 2 is less than 9	_____
10)	The quotient of x and 4 is greater than or equal to 5	_____

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Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

OS2

Translate each verbal phrase into an algebraic expression:

1)	A total of four and x is less than or equal to 8	$4 + x \leq 8$
2)	17 subtracted from x is atleast 19	$x - 17 \geq 19$
3)	11 more than x i	$x + 11 < 3$
4)	x multiplied by 6	$6x > 12$
5)	The ratio of x to	$\frac{x}{2} \leq 14$
6)	x take away 7 is	$x - 7 > 10$
7)	3 more than x is	$x + 3 \leq 1$
8)	The product of x and 8 is not less than 16	$8x \geq 16$
9)	The difference between x and 2 is less than 9	$x - 2 < 9$
10)	The quotient of x and 4 is greater than or equal to 5	$\frac{x}{4} \geq 5$

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Name : _____ Score : _____

Translating Linear Inequalities

OS3

Translate each verbal phrase into an algebraic expression:

1)	The product of x and 3 is greater than 15	_____
2)	x reduced by 5 is atmost 2	_____
3)	The quotient of x	_____
4)	6 more than x is	_____
5)	x take away 9 is	_____
6)	The ratio of x to	_____
7)	x multiplied by 2	_____
8)	4 subtracted from x is atleast 13	_____
9)	A total of one and x is less than 5	_____
10)	The difference between x and 7 is greater than 12	_____

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Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

OS3

Translate each verbal phrase into an algebraic expression:

1)	The product of x and 3 is greater than 15	$3x > 15$
2)	x reduced by 5 is atmost 2	$x - 5 \leq 2$
3)	The quotient of x	$\frac{x}{8} \geq 6$
4)	6 more than x is	$x + 6 < 4$
5)	x take away 9 is	$x - 9 > 20$
6)	The ratio of x to	$\frac{x}{5} < 7$
7)	x multiplied by 2	$2x > 16$
8)	4 subtracted from x is atleast 13	$x - 4 \geq 13$
9)	A total of one and x is less than 5	$1 + x < 5$
10)	The difference between x and 7 is greater than 12	$x - 7 > 12$

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Name : _____ Score : _____

Translating Phrases

ES1

Translate each verbal phrase into an algebraic expression :

1)	Twice the sum of x and 3 is less than 5	_____
2)	4 times x plus 2 is atmost 10	_____
3)	Fifteen more than three times a number is atmost 7	_____
4)	The sum of two times x and one is atleast 11	_____
5)	Eight less than five times a number is greater than 6	_____
6)	Thrice the difference between x and 4 is less than 9	_____
7)	Eleven less than 7 times a number is atleast 2	_____
8)	Twice the sum of 13 and x is not greater than 15	_____
9)	Fourteen less than five times a number is atmost 10	_____
10)	Thrice the sum of x and 12 is greater than or equal to 8	_____

Name : _____ Score : _____

Answer key

Translating Phrases

ES1

Translate each verbal phrase into an algebraic expression :

1)	Twice the sum of x and 3 is less than 5	**2 (x + 3) < 5**
2)	4 times x plus 2 is atmost 10	**4x + 2 ≤ 10**
3)	Fifteen more than three times a number is atmost 7	**3x + 15 ≤ 7**
4)	The sum of two times x and one is atleast 11	**2x + 1 ≥ 11**
5)	Eight less than five times a number is greater than 6	**5x – 8 > 6**
6)	Thrice the difference between x and 4 is less than 9	**3 (x – 4) < 9**
7)	Eleven less than 7 times a number is atleast 2	**7x – 11 ≥ 2**
8)	Twice the sum of 13 and x is not greater than 15	**2 (13 + x) < 15**
9)	Fourteen less than five times a number is atmost 10	**5x – 14 ≤ 10**
10)	Thrice the sum of x and 12 is greater than or equal to 8	**3 (x + 12) ≥ 8**

Name : _____ Score : _____

Translating Phrases

ES2

Translate each verbal phrase into an algebraic expression :

1)	Four times the difference between x and 6 is less than 2	_____
2)	Nineteen more than seven times a number is atmost 8	_____
3)	Thrice the sum o	_____
4)	Twelve less than	_____
5)	Fourteen more t	_____
6)	Twice the sum of	_____
7)	Three less than 1	_____
8)	The sum of eight times x and four is atmost 13	_____
9)	Sixteen more than five times a number is atleast 9	_____
10)	Four times the sum of x and 2 is less than 14	_____

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Answer key

Translating Phrases

ES2

Translate each verbal phrase into an algebraic expression :

1)	Four times the difference between x and 6 is less than 2	4 (x – 6) < 2
2)	Nineteen more than seven times a number is atmost 8	7x + 19 ≤ 8
3)	Thrice the sum o	3 (11 + x) ≥ 15
4)	Twelve less than	4x – 12 < 6
5)	Fourteen more t	2x + 14 ≥ 1
6)	Twice the sum of	2 (x + 7) ≤ 10
7)	Three less than 1	11x – 3 > 9
8)	The sum of eight times x and four is atmost 13	8x + 4 ≤ 13
9)	Sixteen more than five times a number is atleast 9	5x + 16 ≥ 9
10)	Four times the sum of x and 2 is less than 14	4 (x + 2) < 14

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Name : _____ Score : _____

Translating Phrases

ES3

Translate each verbal phrase into an algebraic expression :

1)	Ten less than three times a number is greater than 11	_____
2)	The sum of nine times x and two is atmost 5	_____
3)	Eight more than	_____
4)	Three less than 4	_____
5)	Twice the sum o	_____
6)	Fourteen more t	_____
7)	One more than f	_____
8)	Two times the difference between x and 4 is less than 13	_____
9)	Thrice the sum of x and 1 is not less than 16	_____
10)	Seven times the sum of x and 12 is not greater than 15	_____

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Name : _____ Score : _____

Answer key

Translating Phrases

ES3

Translate each verbal phrase into an algebraic expression :

1)	Ten less than three times a number is greater than 11	3x – 10 > 11
2)	The sum of nine times x and two is atmost 5	9x + 2 ≤ 5
3)	Eight more than	2x + 8 ≥ 6
4)	Three less than 4	4x – 3 < 12
5)	Twice the sum o	2 (9 + x) > 20
6)	Fourteen more t	3x + 14 ≤ 7
7)	One more than f	5x + 1 ≥ 8
8)	Two times the difference between x and 4 is less than 13	2 (x – 4) < 13
9)	Thrice the sum of x and 1 is not less than 16	3 (x + 1) > 16
10)	Seven times the sum of x and 12 is not greater than 15	7 (x + 12) < 15

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Name : _____ Score : _____

Translating Linear Inequalities

TMS1

Translate each verbal phrase into an algebraic expression:

1)	Two-thirds of x plus 6 is greater than 5	_____
2)	Half of seven added to product of x and 4 is less than 1	_____
3)	Five less than sev	_____
4)	Half of nine subt atleast 2	_____
5)	Six more than th	_____
6)	Two added to fiv	_____
7)	Product of x and than 15	_____
8)	The quotient of 2 and 9 is greater than three times of x plus 1	_____
9)	Three-eighths of x subtracted from 6 is less than or equal to 4	_____
10)	Nine is greater than 2 subtracted from three-fifths of x	_____

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Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

TMS1

Translate each verbal phrase into an algebraic expression:

1)	Two-thirds of x plus 6 is greater than 5	$\frac{2}{3}x + 6 > 5$
2)	Half of seven added to product of x and 4 is less than 1	$\frac{7}{2} + 4x < 1$
3)	Five less than sev	$5 < \frac{7}{4}x + 10$
4)	Half of nine subt atleast 2	$12x - \frac{9}{2} \geq 2$
5)	Six more than th	$(x - 7) + 6 < 5$
6)	Two added to fiv	$2 + \frac{5}{6}x \leq 19$
7)	Product of x and than 15	$\frac{1}{6} - 8x < 15$
8)	The quotient of 2 and 9 is greater than three times of x plus 1	$\frac{2}{9} > 3x + 1$
9)	Three-eighths of x subtracted from 6 is less than or equal to 4	$6 - \frac{3}{8}x \leq 4$
10)	Nine is greater than 2 subtracted from three-fifths of x	$9 > \frac{3}{5}x - 2$

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Name : _____ Score : _____

Translating Linear Inequalities

TMS2

Translate each verbal phrase into an algebraic expression:

1)	Two-thirds of the sum of x and 4 is greater than 9	_____
2)	Three added to two-ninths of x is atleast 1	_____
3)	Product of x and 7 than 2	_____
4)	Three-fourths of x	_____
5)	Five-sevenths of x	_____
6)	Six is not greater t of x	_____
7)	One-seventh of x	_____
8)	Two-ninths added to product of x and 4 is atmost 5	_____
9)	Sixteen greater than two-fifths of x added to 3	_____
10)	Half of eleven subtracted from product of x and 8 is atleast 7	_____

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Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

TMS2

Translate each verbal phrase into an algebraic expression:

1)	Two-thirds of the sum of x and 4 is greater than 9	$\frac{2}{3}(x+4) > 9$
2)	Three added to two-ninths of x is atleast 1	$3 + \frac{2}{9}x \geq 1$
3)	Product of x and 7 than 2	$\frac{1}{5} - 7x < 2$
4)	Three-fourths of x	$\frac{3}{4}x + 12 \leq 8$
5)	Five-sevenths of x	$2 - \frac{5}{7}x > 10$
6)	Six is not greater than of x	$6 \leq \frac{1}{3}x - 11$
7)	One-seventh of x	$\frac{1}{7}x + 9 > 3$
8)	Two-ninths added to product of x and 4 is atmost 5	$\frac{2}{9} + 4x \leq 5$
9)	Sixteen greater than two-fifths of x added to 3	$16 > \frac{2}{5}x + 3$
10)	Half of eleven subtracted from product of x and 8 is atleast 7	$8x - \frac{11}{2} \geq 7$

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Name : _____ Score : _____

Translating Linear Inequalities

TMS3

Translate each verbal phrase into an algebraic expression:

1)	One-fifth of x plus 10 is atmost two	_____
2)	Three-fifths added to product of x and 12 is greater than 1	_____
3)	Four-sevenths of x	_____
4)	Eight greater thar	_____
5)	Half of thirteen su atmost 3	_____
6)	Three-fourths of x	_____
7)	Fifteen is not grea of x	_____
8)	Five-sixths of the sum of x and 7 is atleast 1	_____
9)	Two added to one-eighth of x is less than or equal to 4	_____
10)	Product of x and 10 subtracted from one-ninth is greater than 5	_____

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Name : _____ **Answer key** Score : _____

Translating Linear Inequalities

TMS3

Translate each verbal phrase into an algebraic expression:

1)	One-fifth of x plus 10 is atmost two	$\frac{1}{5}x + 10 \leq 2$
2)	Three-fifths added to product of x and 12 is greater than 1	$\frac{3}{5} + 12x > 1$
3)	Four-sevenths of x	$\frac{4}{7}x + 3 < 5$
4)	Eight greater than	$8 \geq \frac{6}{7}x + 14$
5)	Half of thirteen su atmost 3	$9x - \frac{13}{2} \leq 3$
6)	Three-fourths of x	$4 - \frac{3}{4}x \geq 6$
7)	Fifteen is not grea of x	$15 \leq \frac{2}{3}x - 8$
8)	Five-sixths of the sum of x and 7 is atleast 1	$\frac{5}{6}(x + 7) \geq 1$
9)	Two added to one-eighth of x is less than or equal to 4	$2 + \frac{1}{8}x \leq 4$
10)	Product of x and 10 subtracted from one-ninth is greater than 5	$\frac{1}{9} - 10x > 5$

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