Name : _____ Score : _____

MS1

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) Subtract 5 from one-half of y _____

2) The product of 4 and t is added to 1 _____

3) 3 times c mi _____

4) Two-fifths o _____

5) Subtract a h _____

6) Product of x _____

7) Total of 8 ar _____

8) Sum of one-sixth and thrice of n _____

9) Ratio of m and 7 added to 2 _____

10) One-fifth of x is subtracted from 18 _____

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Name : _____ Score : _____

Answer Key

MS1

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) Subtract 5 from one-half of y — $\frac{y}{2} - 5$

2) The product of 4 and t is added to 1 — $4t + 1$

3) 3 times c mi — $3c - 6$

4) Two-fifths o — $\frac{2x}{5} - 7$

5) Subtract a h — $2b - \frac{1}{2}$

6) Product of x — $4x - \frac{1}{4}$

7) Total of 8 ar — $4y + 8$

8) Sum of one-sixth and thrice of n — $3n + \frac{1}{6}$

9) Ratio of m and 7 added to 2 — $\frac{m}{7} + 2$

10) One-fifth of x is subtracted from 18 — $18 - \frac{1}{5}x$

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Name : _____ Score : _____

MS2

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) 7 times sum of c and 2 _____

2) The ratio of y and five plus 4 _____

3) Six reduced _____

4) The total of _____

5) 9 more than _____

6) Difference b _____

7) 2 subtracte _____

8) 8 times the difference between x and 3 _____

9) The sum of 8 times b and 4 _____

10) One-third of sum of z and 4 _____

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Name : _____ Score : _____

Answer Key

MS2

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) 7 times sum of c and 2 — $7(c + 2)$

2) The ratio of y and five plus 4 — $\frac{y}{5} + 4$

3) Six reduced — $6 - 5h$

4) The total of — $\frac{z + 3}{7}$

5) 9 more than — $\frac{1}{2}y + 9$

6) Difference l — $5g - 4$

7) 2 subtracte — $\frac{1}{5}c - 2$

8) 8 times the difference between x and 3 — $8(x - 3)$

9) The sum of 8 times b and 4 — $8b + 4$

10) One-third of sum of z and 4 — $\frac{1}{3}(z + 4)$

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Name : _____ Score : _____

MS3

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) One-eighth of q added to 4 _____

2) The sum of 5 and p is divided by 2 _____

3) One-fourth _____

4) Twelve mo _____

5) Twice of b i _____

6) Quotient of _____

7) Difference b _____

8) Multiply one-third and x minus 6 _____

9) Sum of twenty-seven and 5 times g _____

10) Total of one-fifth and 4 times as much as q _____

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Name : _____ Score : _____

Answer Key

MS3

Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) One-eighth of q added to 4 — $\frac{1}{8}q + 4$

2) The sum of 5 and p is divided by 2 — $\frac{5 + p}{2}$

3) One-fourth — $\frac{1}{4}(y - 3)$

4) Twelve mo — $6x + 12$

5) Twice of b i — $2b - \frac{1}{4}$

6) Quotient of — $\frac{z}{5} + \frac{1}{2}$

7) Difference b — $14 - 9c$

8) Multiply one-third and x minus 6 — $\frac{1}{3}(x - 6)$

9) Sum of twenty-seven and 5 times g — $27 + 5g$

10) Total of one-fifth and 4 times as much as q — $\frac{1}{5} + 4q$

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