

Name : \_\_\_\_\_

## Translating Phrases - Linear Expression

MS2

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 of

\_\_\_\_\_

7) 2 subtracted

\_\_\_\_\_

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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## Answer Key

MS2

### Translating Phrases - Linear Expression

Translate each verbal phrase into an algebraic expression.

1) 7 times sum of c and 2

$$\underline{7(c + 2)}$$

2) The ratio of y and five plus 4

$$\underline{\frac{y}{5} + 4}$$

3) Six reduced

$$\underline{6 - 5h}$$

4) The total of

$$\underline{\frac{z + 3}{7}}$$

5) 9 more than

$$\underline{\frac{1}{2}y + 9}$$

6) Difference of

$$\underline{5g - 4}$$

7) 2 subtracted

$$\underline{\frac{1}{5}c - 2}$$

8) 8 times the difference between x and 3

$$\underline{8(x - 3)}$$

9) The sum of 8 times b and 4

$$\underline{8b + 4}$$

10) One-third of sum of z and 4

$$\underline{\frac{1}{3}(z + 4)}$$

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