



TRANSLATING PHRASES

Name _____

Score _____

AE:16

Translate the phrases into algebraic expressions.

1) t cube increased by six

2) Square of h

3) Twice the difference between seven and c

4) Five divides the sum of m cube and two

5) Three reduced by p

6) b raised to fourth power less than the sixty

7) One-sixth of u

8) Square of the difference between y and two

9) Take away q cube from thirteen

10) Eleven times d



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Answer key

AE:16

Translate the phrases into algebraic expressions.

1) t cube increased by six

$$t^3 + 6$$

2) Square of h

$$h^2$$

3) Twice the difference between seven and c

$$2(7 - c)$$

4) Five divides the sum of m cube and two

$$\frac{m^3 + 2}{5}$$

5) Three reduced by p

$$3 - p$$

6) b raised to fourth power less than the sixty

$$60 - b^4$$

7) One-sixth of u

$$\frac{1}{6}u$$

8) Square of the difference between y and two

$$(y - 2)^2$$

9) Take away q cube from thirteen

$$13 - q^3$$

10) Eleven times d

$$11d$$