



TRANSLATING PHRASES

Name _____

Score _____

Translate the phrases into algebraic expressions.

1) u divided by five

2) Eleven increased by b

3) Three divided by the sum of p cube and one

4) k raised to sixth power

5) Eight fewer than three times g

6) Cube of square of m plus four

7) Seven reduced by t raised to the fourth power

8) Sixteen multiplied by x

9) Take away six from five times d square

10) Two by three is added to one-half of h



TRANSLATING PHRASES

Name _____

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Answer key

Translate the phrases into algebraic expressions.

1) u divided by five

$$\frac{u}{5}$$

2) Eleven increased by b

$$11 + b$$

3) Three divided by the sum of p cube and one

$$\frac{p^3 + 1}{3}$$

4) k raised to sixth power

$$k^6$$

5) Eight fewer than three times g

$$3g - 8$$

6) Cube of square of m plus four

$$(m^2 + 4)^3$$

7) Seven reduced by t raised to the fourth power

$$7 - t^4$$

8) Sixteen multiplied by x

$$16x$$

9) Take away six from five times d square

$$5d^2 - 6$$

10) Two by three is added to one-half of h

$$\frac{2}{3} + \frac{1}{2}h$$