# TRANSLATING PHRASES

Translate the phrases into algebraic expressions.

1) Eleven divides the sum of m cube and n cube

2) Quarter times the difference between u and v plus three

3) Product of b square and c square

4) y lesser than x is divided by six

5) Four times of m plus n whole raised to power five

6) Take away total of seven and q from p

7) Six multiplied by g is decreased by h square

8) k is added to ratio of five and j

9) Product of seventeen, v and w

10) Eight square reduced by eight times t

# TRANSLATING PHRASES

**Answer key**

Translate the phrases into algebraic expressions.

1) Eleven divides the sum of m cube and n cube

$$\frac{m^3 + n^3}{11}$$

2) Quarter times the difference between u and v plus three

$$\frac{1}{4}(u - v) + 3$$

3) Product of b square and c square

$$b^2c^2$$

4) y lesser than x is divided by six

$$\frac{x - y}{6}$$

5) Four times of m plus n whole raised to power five

$$4(m + n)^5$$

6) Take away total of seven and q from p

$$p - (7 + q)$$

7) Six multiplied by g is decreased by h square

$$6g - h^2$$

8) k is added to ratio of five and j

$$k + \frac{5}{j}$$

9) Product of seventeen, v and w

$$17vw$$

10) Eight square reduced by eight times t

$$8^2 - 8t$$