

Name \_\_\_\_\_

Date \_\_\_\_\_

### Finding and Using the Discriminant - Matching Worksheet

Match the equation to the value of its discriminant.

\_\_\_\_\_ 1.  $6b^2 + 4b - 2 = 0$

a. -8

\_\_\_\_\_ 2.  $9m^2 - 7m + 5 = 0$

b. -144

\_\_\_\_\_ 3.  $3h^2 + 6h - 4 = 0$

c. 156

\_\_\_\_\_ 4.  $2g^2 - 4g + 3 = 0$

d. -131

\_\_\_\_\_ 5.  $5t^2 + t - 2 = 0$

e. 337

\_\_\_\_\_ 6.  $8a^2 - 4a + 5 = 0$

f. -68

\_\_\_\_\_ 7.  $7k^2 + 3k - 4 = 0$

g. 41

\_\_\_\_\_ 8.  $5c^2 + 4c - 7 = 0$

h. 84

\_\_\_\_\_ 9.  $6d^2 - 2d + 3 = 0$

i. 64

\_\_\_\_\_ 10.  $9y^2 + 7y - 8 = 0$

j. 121

