

Name _____

Date _____

Solving Quadratic Equations- Matching Worksheet

Match the possible values of the variables with the proper quadratic.

_____ 1. $k^2 + 18k = 0$

a. $k=0$ $k=-24$

_____ 2. $k^2 + 10k = 0$

b. $k=0$ $k=-28$

_____ 3. $k^2 + 28k = 0$

c. $k=0$ $k=-10$

_____ 4. $k^2 + 32k = 0$

d. $x=-17$ $x=-2$

_____ 5. $k^2 + 24k = 0$

e. $k=0$ $k=-18$

_____ 6. $x^2 + 48x + 512$

f. $x=-36$ $x=-9$

_____ 7. $x^2 + 15x + 36$

g. $k=0$ $k=-32$

_____ 8. $x^2 + 28x + 96$

h. $x=-32$ $x=-16$

_____ 9. $x^2 + 19x + 34$

i. $x=-24$ $x=-4$

_____ 10. $x^2 + 45x + 324$

j. $x=-12$ $x=-3$

