Quadratic Equations: Completing the Square - Matching Worksheet

Match the missing whole number value of the square that would make each polynomial a perfect square.

_____ 1. $t^2 + 14t +$ _____   a.   625

_____ 2. $t^2 + 50t +$ _____   b.   576

_____ 3. $t^2 + 36t +$ _____   c.   900

_____ 4. $t^2 + 60t +$ _____   d.   729

_____ 5. $t^2 + 44t +$ _____   e.   49

_____ 6. $t^2 + 38t +$ _____   f.   289

_____ 7. $t^2 + 54t +$ _____   g.   441

_____ 8. $t^2 + 34t +$ _____   h.   324

_____ 9. $t^2 + 42t +$ _____   i.   361

_____ 10. $t^2 + 48t +$ _____   j.   484