Convert these quadratic equations to vertex form.

1*. g*(*x*) = *x2* *−* 10*x* + 16

2*. h*(*x*) = *x*2 + *x −* 6

3*. r*(*x*) = *−*2*x*2 + 2*x −* 12

4*. f*(*x*) = *x*2 + 9*x* + 2

5*. k*(*x*) = 3*x*2 *−* 5*x* + 3 = 0

6*. p*(*x*) = 0*.*5*x*2 *−* 4*x –* 2

Convert these quadratic equations to standard form.

7*. c*(*x*) = 3(*x −* 3)2 + 5

8*. t*(*x*) = *−*2(*x* + 4)2 *−* 2*.*5

9*. b*(*x*) = 0*.*35(*x* + 2*.*25)2 *−* 5