Solve each problem by factoring.

1.
2.
3.
4.
5. A bird swoops down out of a tree to the ground below. Substitute 0 for *h* into the equation
 to find how many seconds it takes for the bird to reach the ground.
6. A squirrel knocks an acorn off a roof. Substitute 14 for *h* into the equation to find how many seconds it will take before the acorn passes a window that is 14 feet above the ground.

1. A hobbyist launches a model rocket up into the air. Substitute 80 for *h* into the equation to find how many seconds it will take before the rocket reaches its maximum height of 80 meters.