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**Math 2010, Winter 2007, Quiz 8 reprise**  
**2 March 2007**

A spotlight is positioned at ground level 25 ft from a wall. A 5 ft tall person walks toward the wall at  $\frac{2}{3}$  ft/sec. How fast is the height of the person's shadow on the wall changing when the person is 10 ft from the wall?