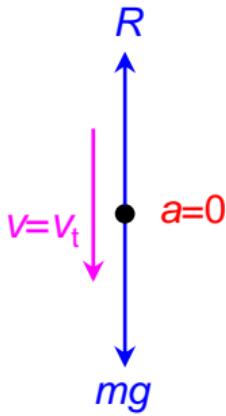


terminal velocity



Let's assume that air resistance R is proportional to speed v .

$$R = kv$$

So terminal velocity v_t is reached when

$$mg = kv_t$$

$$\Rightarrow v_t = \frac{mg}{k}$$

