





**21. RUNNING** One athlete can run a 60 meter race at an average rate of 7 meters per second. A second athlete can run the race at an average rate of 6 meters per second. The distance *d* (in meters) the athletes have left to run after *t* seconds is given by the following equations:

**Athlete 1**: d = -7t + 60 **Athlete 2**: d = -6t + 60

for Exs. 18–21

Graph both models in the same coordinate plane. About how many seconds faster does the first athlete finish the race than the second athlete?