

1j. Exact Answer is  $+16 \text{ ft/sec}$

Can find excellent approximations  
by finding average velocity on a  
very small interval near  $t=3$ .

1k. Exact Answer is  $-144 \text{ ft/sec}$

Can find excellent approximations  
by finding average velocity on  
small intervals near  $t=8$ .

1l. To Be Discussed!