

Time: 38.28 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0051 m/s<sup>2</sup>  
Height: 12758.82 m  
Velocity (using v): 85.5823 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.29 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12759.68 m  
Velocity (using v): 85.5823 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.30 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12760.54 m  
Velocity (using v): 85.5824 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.31 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12761.39 m  
Velocity (using v): 85.5824 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.32 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12762.25 m  
Velocity (using v): 85.5825 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.33 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12763.10 m  
Velocity (using v): 85.5825 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.34 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12763.96 m  
Velocity (using v): 85.5826 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.35 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0050 m/s<sup>2</sup>  
Height: 12764.81 m  
Velocity (using v): 85.5826 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.36 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12765.67 m  
Velocity (using v): 85.5827 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.37 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12766.53 m  
Velocity (using v): 85.5827 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.38 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12767.38 m  
Velocity (using v): 85.5828 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.39 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12768.24 m  
Velocity (using v): 85.5828 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.40 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12769.09 m  
Velocity (using v): 85.5829 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.41 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0049 m/s<sup>2</sup>  
Height: 12769.95 m  
Velocity (using v): 85.5829 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.42 s

Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0049 \text{ m/s}^2$   
Height:  $12770.81 \text{ m}$   
Velocity (using  $v$ ):  $85.5830 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.43 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12771.66 \text{ m}$   
Velocity (using  $v$ ):  $85.5830 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.44 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12772.52 \text{ m}$   
Velocity (using  $v$ ):  $85.5831 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.45 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12773.37 \text{ m}$   
Velocity (using  $v$ ):  $85.5831 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.46 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12774.23 \text{ m}$   
Velocity (using  $v$ ):  $85.5832 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.47 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12775.08 \text{ m}$   
Velocity (using  $v$ ):  $85.5832 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.48 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$   
Acceleration:  $0.0048 \text{ m/s}^2$   
Height:  $12775.94 \text{ m}$   
Velocity (using  $v$ ):  $85.5833 \text{ m/s}$   
Velocity (using  $dh/dt$ ):  $0.0000 \text{ m/s}$

Time:  $38.49 \text{ s}$   
Gravitational acceleration:  $9.7708 \text{ m/s}^2$

Acceleration: 0.0048 m/s<sup>2</sup>  
Height: 12776.80 m  
Velocity (using v): 85.5833 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.50 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12777.65 m  
Velocity (using v): 85.5834 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.51 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12778.51 m  
Velocity (using v): 85.5834 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.52 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12779.36 m  
Velocity (using v): 85.5835 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.53 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12780.22 m  
Velocity (using v): 85.5835 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.54 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12781.08 m  
Velocity (using v): 85.5836 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.55 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12781.93 m  
Velocity (using v): 85.5836 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.56 s  
Gravitational acceleration: 9.7708 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>

Height: 12782.79 m  
Velocity (using v): 85.5837 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.57 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0047 m/s<sup>2</sup>  
Height: 12783.64 m  
Velocity (using v): 85.5837 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.58 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12784.50 m  
Velocity (using v): 85.5838 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.59 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12785.35 m  
Velocity (using v): 85.5838 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.60 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12786.21 m  
Velocity (using v): 85.5838 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.61 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12787.07 m  
Velocity (using v): 85.5839 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.62 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12787.92 m  
Velocity (using v): 85.5839 m/s  
Velocity (using dh/dt): 0.0000 m/s

Time: 38.63 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12788.78 m

Velocity (using  $v$ ): 85.5840 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s

Time: 38.64 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12789.63 m  
Velocity (using  $v$ ): 85.5840 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s

Time: 38.65 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0046 m/s<sup>2</sup>  
Height: 12790.49 m  
Velocity (using  $v$ ): 85.5841 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s

Time: 38.66 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0045 m/s<sup>2</sup>  
Height: 12791.35 m  
Velocity (using  $v$ ): 85.5841 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s

Time: 38.67 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0045 m/s<sup>2</sup>  
Height: 12792.20 m  
Velocity (using  $v$ ): 85.5842 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s

Time: 38.68 s  
Gravitational acceleration: 9.7707 m/s<sup>2</sup>  
Acceleration: 0.0045 m/s<sup>2</sup>  
Height: 12793.06 m  
Velocity (using  $v$ ): 85.5842 m/s  
Velocity (using  $dh/dt$ ): 0.0000 m/s