1. A train travels from Chicago to New York City, which is 790 miles, in 8.3 hours. What is the speed of the

Key

Name:___

6 identity (L2) 6 identity = $\frac{1}{2}$ = $\frac{1}{2}$ 0 miles $\frac{1}{2}$ 0. A passenger elevator travels from the first floor to the 60th floor, a distance of 210 m, in 35 s. What is the elevator's speed? (L2) 6 identity = $\frac{1}{2}$ 1
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355 3. How far does a car travel in 0.75 h if it is moving at a constant speed of 88 km/h? (L2) 6 ive n : $ \begin{array}{cccccccccccccccccccccccccccccccccc$
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Given: $V = \frac{1}{4}$
D= V-T $V = 88 \text{ Km/hr}$ A car travels at 16 m/s for 3,600 s, how far did the car travel? (L2) $V = \frac{1600 \text{ Km}}{3600 \text{ Km}}$ $V = \frac{1600 \text{ Km}}{3600 \text{ Km}}$
A car travels at 16 m/s for 3,600 s, how far did the car travel? (L2) 6 $V = \frac{16}{3}$ $V = \frac{16}{3}$
NE: 36005 D= U.T N = 57
5. A motorcycle is moving at a constant speed of 40 km/h. How long does it take the motorcycle to travel 10
km? (L2) Gisen: John V = D Hokalh
X= 10 km bb: ? T= D T= 0.25 h
V= 40 Kmlh
6. An Olympic sprinter travels 200 m at 10 m/s, how long did it take the sprinter to finish the race? (L2)
V. 7 7 1
Nt= ?
V= 10 m/s
7. The Earth travels 9.42 x 10 ¹¹ meters when it orbits around the sun in 1 year. 1 year has about 31,558,00 seconds. What is the speed of Earth in m/s? (L4)
11200
X = 9.42 x10" m
bt = 31,558,000 5 = 9.42x 10"m
V= ? mls 31,558,0005
V = 29,849.8 m/s)