

WORD PROBLEMS AIRPLANES LESSON 8



- 1 The airplane was not invented by the Wright brothers. In 1896 Samuel Langley flew a plane about $\frac{3}{4}$ of a mile along the Potomac River. A mile is 5280 ft. How many feet in $\frac{3}{4}$ mile? _____*
- 2 Langley's plane remained in the air about $1\frac{1}{2}$ minutes. How many seconds was that? (1 min = 60 seconds)? _____*
- 3 Langley's plane was only 16' long and weighted 26 lbs. It was driven by a 1-horsepower steam engine. It did not carry any passengers. The Wright brothers flight in 1903 was the first to carry passengers. By how many years did Langley beat the Wright Brothers? _____*
- 4 The Wright brothers flight lasted 12 seconds. Langley's flight lasted about 89 seconds. How much longer was Langley's? _____*
- 5 The Wright brothers flew 120 '. How much farther did Langley's plane go? ((Assume 3900 ' for Langley's flight.))? _____*
- 6 It took Orville Wright 12 seconds to cover 120 feet. How many feet did he fly in a second? _____*