

5.6 Key Concepts 4 Unit Rate Worked Example

Example: Seymour burned 57.6 L of fuel while flying his airplane from Haytown to Beeville in 3.2 h. Find the unit rate of fuel burn.

Solution: The unit rate is calculated:

$$\frac{57.6}{3.2} = 18 \text{ L/h.}$$

Practice:

1. Jules harvested 44.8 hectares (Ha) of soybeans in an 8-h shift. Find the unit rate of harvesting.

2. Tomasa was paid \$398 for a 40-h week at a grocery store. Find her unit rate of pay.

Answers: 1. 5.6 Ha/h. 2. \$9.95/h.