

Harold walks $\frac{3}{4}$ mile in each $\frac{5}{6}$ hour. Calculate Harold's unit rate. Explain how you found your answer.

Answer 1

Answer: To solve this problem, you must apply the procedure shown below:

1. The problem gives the following information: Harold walks $\frac{3}{4}$ miles in each $\frac{5}{6}$ hours. Therefore, you have to divide $\frac{3}{4}$ miles by $\frac{5}{6}$ hours, as below:

$$\text{unit rate} = \left(\frac{3}{4}\right) \div \left(\frac{5}{6}\right)$$

$$\text{unit rate} = \frac{3 \times 6}{4 \times 5}$$

$$\text{unit rate} = \frac{18}{20}$$

3. When you simplify, you obtain:

$$\text{unit rate} = \frac{9}{10}$$

4. Therefore, as you can see, the answer is: **Harold's unit rate is $\frac{9}{10}$.**

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