

How Many Fields?

A farmer has one square mile of land.

- ① If he divides his land into square fields that are $\frac{1}{2}$ mile long and $\frac{1}{2}$ mile wide, how many fields will he have?

_____ fields

- ② If he divides his land into square fields that are $\frac{1}{3}$ mile long and $\frac{1}{3}$ mile wide, how many fields will he have?

_____ fields

- ③ If he divides his land into square fields that are $\frac{1}{4}$ mile long and $\frac{1}{4}$ mile wide, how many fields will he have?

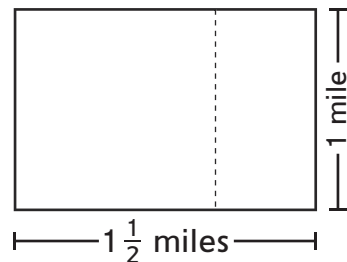
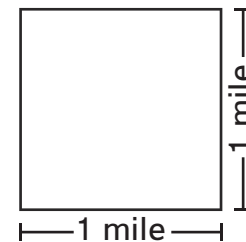
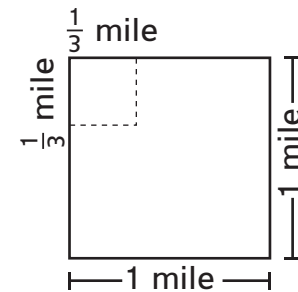
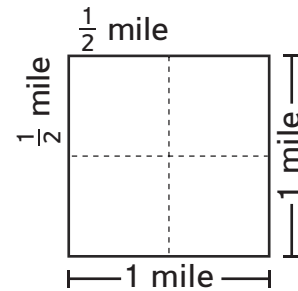
_____ fields

- ④ a. Suppose the farmer buys another $\frac{1}{2}$ square mile of land and divides all his land into square fields $\frac{1}{4}$ mile long and $\frac{1}{4}$ mile wide. How many fields will he have?

_____ fields

- b. What is the total area of his land in square miles?

_____ square miles



Practice

⑤ a. _____ min = 1 hr

b. 180 min = _____ hr

⑥ a. 1,000 g = _____ kg

b. _____ g = 4 kg