



Solve it!

A farmer ploughed $\frac{5}{7}$ of an acre of his field in the morning and $\frac{4}{7}$ of an acre in the afternoon.

An acre is a measure of land.



morning

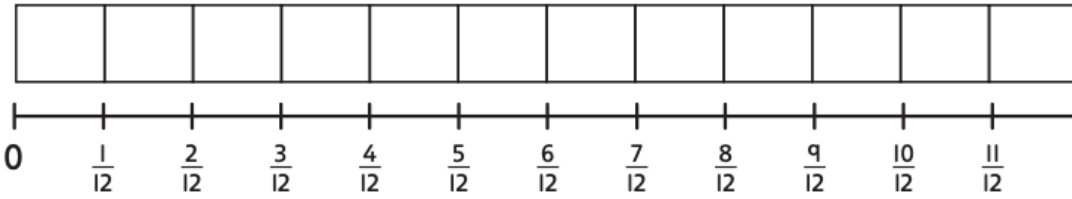


afternoon



How much of his field did the farmer plough in total?

- 1 Amy has a box of cupcakes. $\frac{1}{12}$ of the cupcakes are chocolate. $\frac{3}{12}$ of them are strawberry. The rest are vanilla.



- a) What fraction of the cupcakes are chocolate or strawberry?

/ of the cupcakes are chocolate or strawberry.

- b) What fraction of the cupcakes are vanilla?

/ of the cupcakes are vanilla.

- c) Were there more vanilla cupcakes or chocolate cupcakes?
What fraction more?

Vanilla

Chocolate

There were more _____ cupcakes.

There were / more _____ cupcakes.



2 Emma is on holiday for 9 days. It snows for $\frac{4}{9}$ of the holiday and is windy for the rest of the holiday.

a) What fraction of the holiday is windy?



It is windy for $\frac{\boxed{}}{\boxed{}}$ of Emma's holiday.

b) Is it windy for a greater amount of the holiday or is it snowy for a greater amount? How do you know?

It is _____ for a greater amount of the holiday because

3 The answer to a question is $\frac{3}{10}$.

a) What fractions can you add to get the answer $\frac{3}{10}$?

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

b) What fractions can you subtract to get the answer $\frac{3}{10}$?

$$\frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

$$\frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

c) What fractions can you add, and then subtract, to get the answer $\frac{3}{10}$?

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} - \frac{\boxed{}}{\boxed{}} = \frac{3}{10}$$

4 On Monday, Luis read $\frac{1}{10}$ of a book. On Tuesday, he read $\frac{1}{10}$ more than he did on Monday. On Wednesday, he reached halfway. What fraction of the book did Luis read on Wednesday?



Luis read $\frac{\boxed{}}{\boxed{}}$ of the book on Wednesday.