

Name _____

Date _____

Addition Rule of Probability - Step-by-Step Lesson



An ice cream cup has 3 scoops of chocolate, 4 scoops of vanillas and 3 scoops of butter scotch ice cream.

What is the probability that if you randomly sampled the ice cream that you will taste chocolate or vanilla ice cream?

Explanation:

Step 1) First we have to see what we have to be find out.

Step 2) It can be expressed as:

$$P(\text{chocolate}) = \frac{3}{10}$$

$$P(\text{vanillas}) = \frac{4}{10}$$

$$P(\text{chocolate}) + P(\text{vanillas})$$

$$= \frac{3}{10} + \frac{4}{10}$$

$$= \frac{7}{10}$$

