

Addition Rule of Probability - Guided Lesson Explanation**Explanation#1**

It can be expressed as:

$$P(1) = \frac{1}{6}$$

$$P(6) = \frac{1}{6}$$

$$P(\text{head}) + P(\text{tail})$$

$$= \frac{1}{6} + \frac{1}{6}$$

$$= \frac{2}{6}$$

Explanation#2

It can be expressed as:

$$P(\text{king}) = \frac{1}{13}$$

$$P(\text{jack}) = \frac{1}{13}$$

$$P(\text{king}) + P(\text{jack})$$

$$= \frac{1}{13} + \frac{1}{13}$$

$$= \frac{2}{13}$$

Explanation#3

It can be expressed as:

$$P(\text{heart}) = \frac{13}{52}$$

$$P(\text{club}) = \frac{13}{52}$$

$$P(\text{heart}) + P(\text{club})$$

$$= \frac{13}{52} + \frac{13}{52}$$

$$= \frac{26}{52}$$

