



Math worksheet on 'Probability Union, Intersection, Complement - Description to Formula (Level 1)'. Part of a broader unit on 'Probability - Set Operations - Practice'

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1

Select the formula to calculate the probability operation being described

Event A not happening

a

$$P(A) + P(B) - P(A \cap B)$$

b

$$1 - P(A)$$

c

$$\frac{P(A \cap B)}{P(B)}$$

2

Select the formula to calculate the probability operation being described

Both A and B happening

a

$$P(A) \cdot P(B)$$

b

$$1 - P(A)$$

3

Select the formula to calculate the probability operation being described

Either A or B happening

a

$$P(A) \cdot P(B)$$

b

$$P(A) + P(B) - P(A \cap B)$$

c

$$\frac{P(A \cap B)}{P(B)}$$