

Question 20

Part a

$$P(-5) \vee P(-3) \vee P(-1) \vee P(1) \vee P(3) \vee P(5)$$

Part b

$$P(-5) \wedge P(-3) \wedge P(-1) \wedge P(1) \wedge P(3) \wedge P(5)$$

Part c

$$P(-5) \wedge P(-3) \wedge P(-1) \wedge P(3) \wedge P(5)$$

Part d

$$P(1) \vee P(3) \vee P(5)$$

Part e

$$(\neg P(-5) \vee \neg P(-3) \vee \neg P(-1) \vee \neg P(1) \vee \neg P(3) \vee \neg P(5)) \wedge (P(-5) \wedge P(-3) \wedge P(-1))$$