$$f(x) = x^{2}(x-5)^{3}$$

$$F(x) = x^{2}$$

$$f(x)=2x(x-5)+x(3)(x-5)$$

$$=x(x-5)^{2}(2(x-5)+3x)$$

$$=x(x-5)^{2}(2x-10+3x)$$

$$=x(x-5)^{2}(5x-10)$$

$$=x(x-5)^{2}(5x-10)$$

$$=x(x-5)^{2}(x-2)$$

$$=x(x-5)^{2}(x-5)^{2}(x-5)$$

$$=x(x-5)^{2}(x-5)$$

$$=x(x-5)^{$$

$$8 P(AUB) = \frac{12 + 38 + 23}{100} S = 100$$