

$$X \sim N(1000, 3.5^2)$$

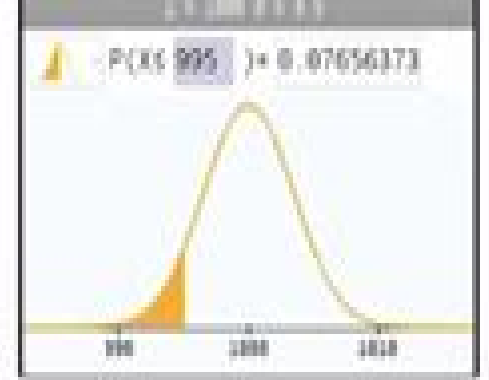
$$a) P(X < 995) = \boxed{0.076564}$$

Ncdf

$$b) 100 \times 0.076564 = 7.66$$

$$c) P(\overset{\downarrow}{A} \mid \overset{\checkmark}{B}) = \frac{P(A \cap B)}{P(B)}$$

$$= P(X > 1005 \mid X > 995)$$



Math Ib Sl 2paper Tz1

JR Anderson



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