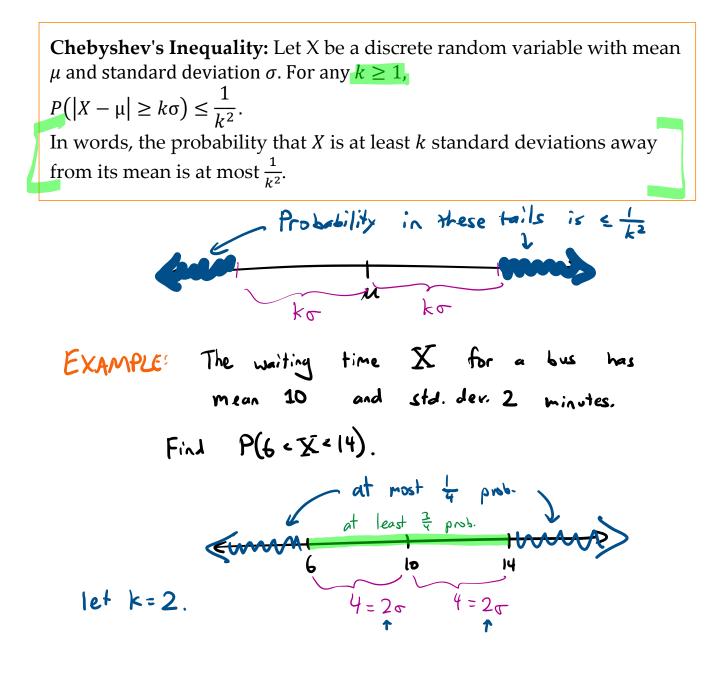
Recent homework assignments have asked you to read several articles about the concept of a growth mindset.

- What have you found most insightful or impactful from these articles?
- How could you cultivate a growth mindset, and how could this help you succeed in this course?



Chebyshow's ineq:

$$P(|X - 10| \ge 2(2)) \le \frac{1}{2^{2}}$$

$$P(6 < X < 14) \ge \frac{3}{4}$$

$$P(X \le 6 \le X \ge 14) \le \frac{1}{4}$$

(2)
$$X : \mu \in E(X) = 6.6$$

 $\sigma_{x} = \sqrt{5.44} \approx 2.33$
 $k = 2$
 $Chebychou: P(|X - 6.6| \ge 2(2.33)) \le \frac{1}{2^{2}}$
 $rodb. \le \frac{1}{4}$
 $V(X \le 1.94 \text{ or } X \ge 11.26) \le \frac{1}{4}$
 $V(X \le 1.94 \text{ or } X \ge 11.26) \le \frac{1}{4}$
 $V(X \le 1.94 \text{ or } X \ge 11.26) \le \frac{1}{4}$
 $Since X only
 $V(X \le 1.94 \text{ or } X \ge 11.26) \le \frac{1}{4}$$