

HWK

$$\frac{4 + 6 + \frac{9}{4}}{100} = 12.25\%$$

2

$$AA = \frac{2}{10} \text{ v}$$

$$AA = \frac{3}{10} \text{ v}$$

$$(i) \quad aa = \frac{5}{10}$$

$$\left(\frac{2}{10}, \frac{3}{10}\right) \Rightarrow \left(\left(\frac{2}{10}\right)^2 + \left(\frac{2}{10}\right)\left(\frac{3}{10}\right) + \frac{1}{4}\left(\frac{3}{10}\right)^2\right)$$

$$-2\left(\frac{2}{10}\right)\left(\frac{3}{10}\right) - 2\left(\frac{2}{10}\right)^2 + 2\left(\frac{2}{10}\right) - \frac{1}{2}\left(\frac{3}{10}\right)^2 + \frac{3}{10}$$

$$\frac{-12 - 8 + 4 - \frac{9}{2} + 30}{100} = 12.5\%$$

$$(ii) \quad aa = 70.25\%$$

$$(iii) \quad aa = 70.25\%$$

3

$$AA = \frac{5}{10} \text{ v}$$

$$AA = \frac{3}{10} \text{ v}$$

$$(i) \quad AA = \frac{2}{10} \text{ v}$$

$$(ii) \quad AA = 12.25\%$$

$$(iii) \quad AA = 12.25\%$$

$$\left(\frac{2}{10}, \frac{5}{10}\right) \Rightarrow \left(\left(\frac{2}{10}\right)^2 + \left(\frac{2}{10}\right)\left(\frac{5}{10}\right) + \frac{1}{4}\left(\frac{5}{10}\right)^2\right)$$

$$(ii) \quad AA = 20.25\%$$

$$(iii) \quad AA = 20.25\%$$

$$-2 \text{ v v} - 2 \text{ v}^2 + 2 \text{ v} - \frac{1}{2} \text{ v}^2 + \text{v}$$

$$\frac{4 + 10 + \frac{25}{4}}{100} = 20.25\%$$

4

ORB (Allen SR [0.5, 0.4, 0.3, x, 7], [x, 7], [0.5, 17, 0, 10])

↳ ([0.5, 1], [0.37, 0.78] ... [0.016, 0.955])

ORB (Allen SR [0.3, 0.4, 0.5, x, 7], [x, 7], [0.5, 17, 0, 10])

↳ ([0.5, 17], [0.189, 0.46] ... [0.000011, 0.9965])