

$$\begin{aligned}
 7 \text{ (iv)} \quad & 10 - 3b - 4 - 5b \\
 & = -8b + 6 \\
 & \text{put } b = -2 \\
 & = -8(-2) + 6 \\
 & = 16 + 6 \\
 & = 22
 \end{aligned}$$

$$\begin{aligned}
 7 \text{ (v)} \quad & 2a - 2b - 4 - 5 + a \\
 & = 3a - 2b - 9 \\
 & \text{put } a = -1, b = -2 \\
 & = 3(-1) - 2(-2) - 9 \\
 & = -3 + 4 - 9 \\
 & = -12 + 4 \\
 & = -8
 \end{aligned}$$

$$\begin{aligned}
 8 \text{ (i)} \quad & z^3 - 3(z - 10) \\
 & \text{put } z = 10 \\
 & 10^3 - 3(10 - 10) \\
 & = 1000 - 3 \times 0 \\
 & = 1000
 \end{aligned}$$

$$\begin{aligned}
 11 \quad & p^2 - 2p - 100 \\
 & \text{put } p = -10 \\
 & = (-10)^2 - 2(-10) - 100 \\
 & = 100 + 20 - 100 \\
 & = 20
 \end{aligned}$$

$$\begin{aligned}
 9. \quad & 2x^2 + x - a \\
 & \text{when } x = 0 \\
 & 2 \times 0^2 + 0 - a = 5 \\
 & \Rightarrow -a = 5 \\
 & \Rightarrow a = -5
 \end{aligned}$$

$$\begin{aligned}
 10 \quad & 2(a^2 + ab) + 3 - ab \\
 & = 2a^2 + 2ab + 3 - ab \\
 & = 2a^2 + ab + 3 \\
 & \text{put } a = 5, b = -3 \\
 & = 2 \times 5^2 + 5(-3) + 3 \\
 & = 50 - 15 + 3 \\
 & = 50 - 18 \\
 & = 32
 \end{aligned}$$