



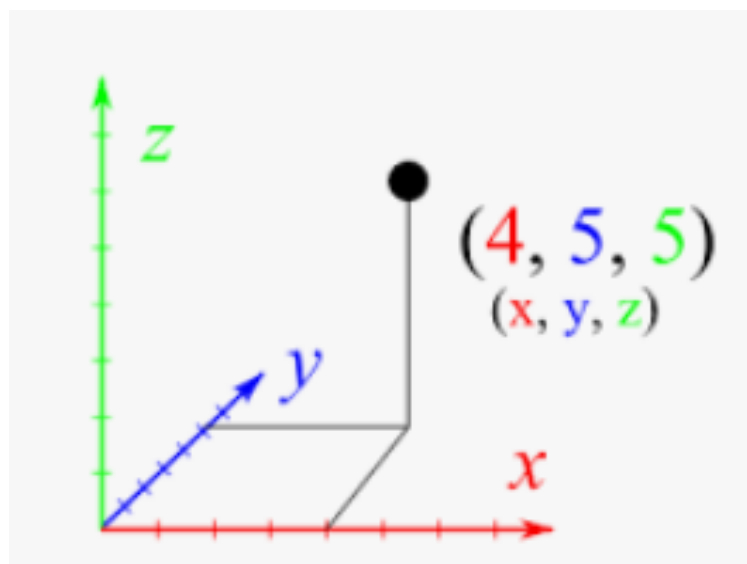
Heinemann

Higher Maths Text Book

Worked Solutions

Ex 13L

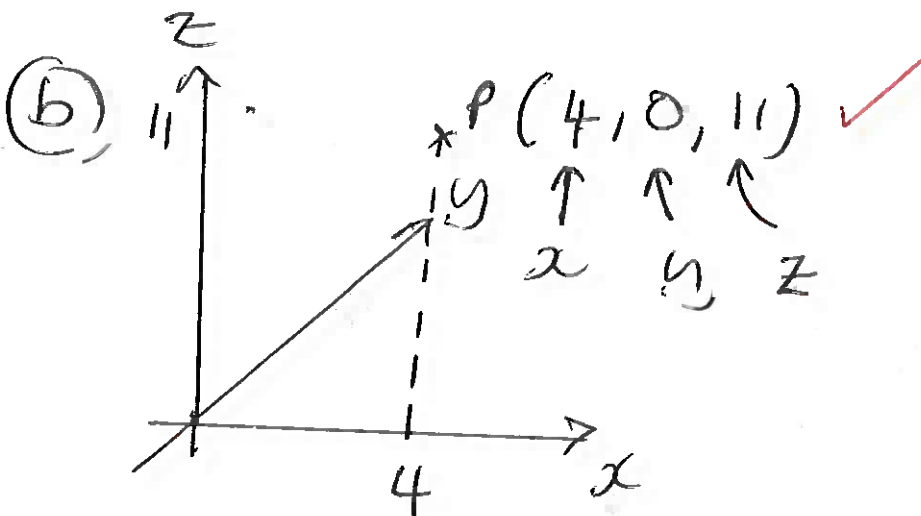
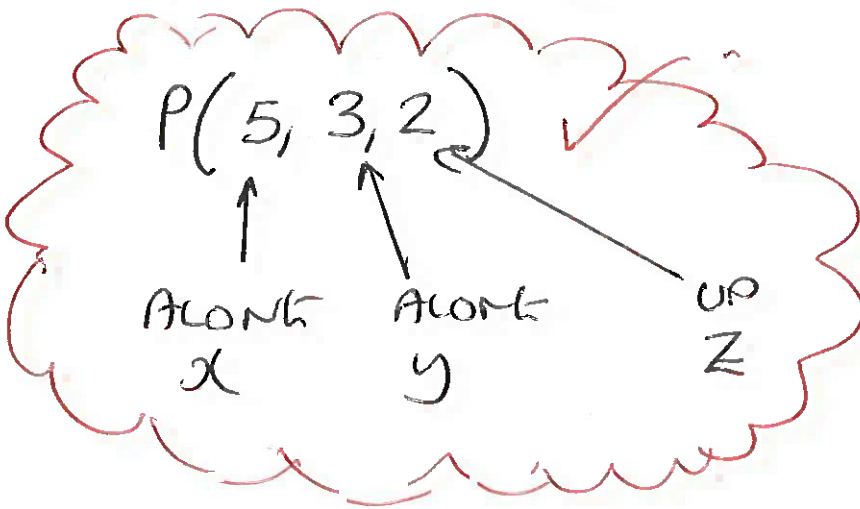
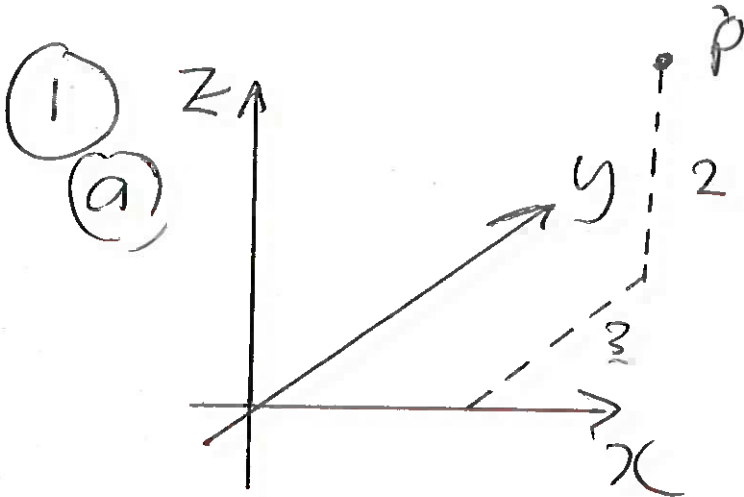
Three-dimensional coordinates

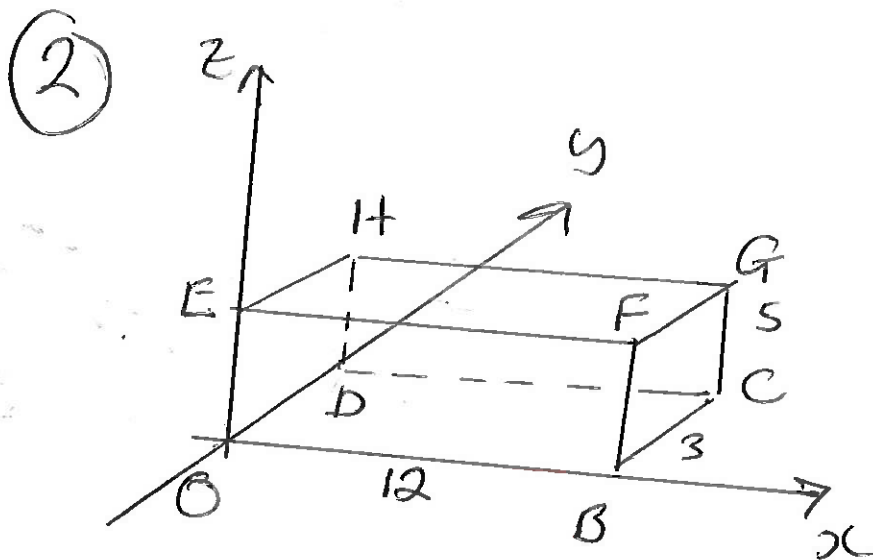
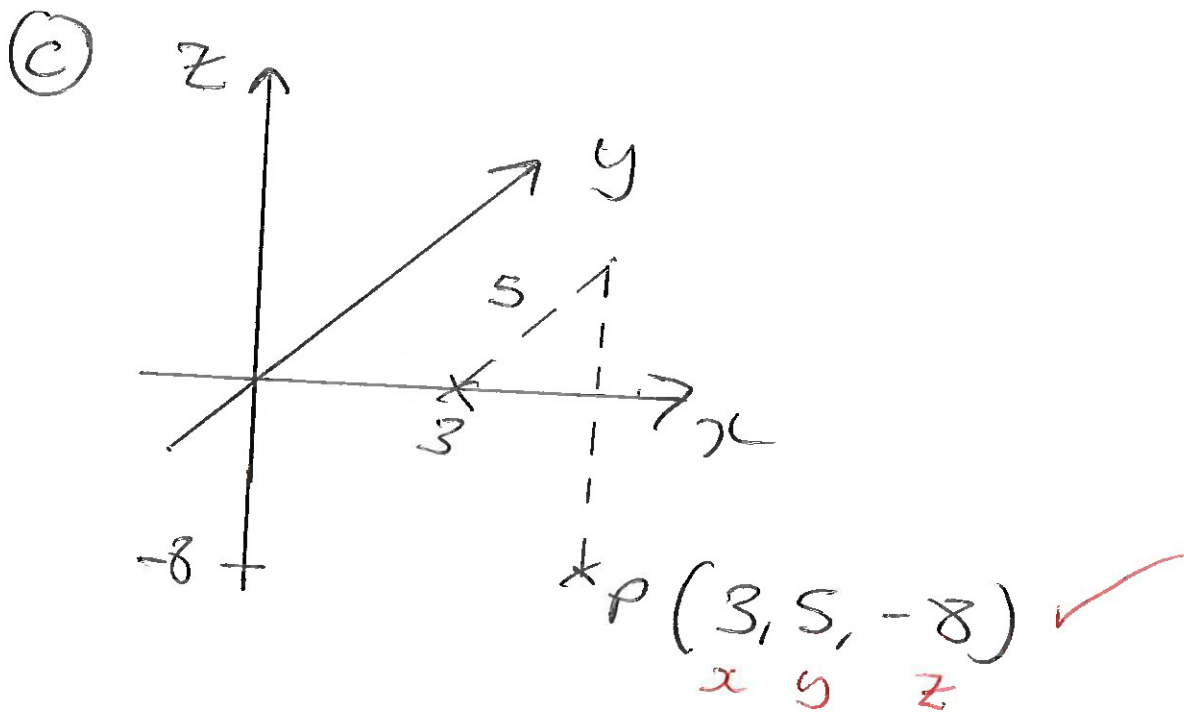




Ex 13L Questions 1, 2, 3, 4

Worked solutions courtesy of Mr R Milton





- | | |
|-----------------|-----------------|
| $O(0, 0, 0)$ ✓ | $F(12, 0, 5)$ ✓ |
| $B(12, 0, 0)$ ✓ | $G(12, 3, 5)$ ✓ |
| $C(12, 3, 0)$ ✓ | $H(0, 3, 5)$ ✓ |
| $D(0, 3, 0)$ ✓ | |
| $E(0, 0, 5)$ ✓ | |

$$\textcircled{3} \quad O(0, 0, 0) \quad \checkmark$$

$$Q(24, 0, 0) \quad \checkmark$$

$$R(24, 16, 0) \quad \checkmark$$

$$S(0, 16, 0) \quad \checkmark$$

$$T(4, 8, 6) \quad \checkmark$$

$$U(20, 8, 6) \quad \checkmark$$

$$\textcircled{4} \quad O(0, 0, 0) \quad \checkmark$$

$$M(8, 0, 0) \quad \checkmark$$

$$N(8, 8, 0) \quad \checkmark$$

$$P(0, 8, 0) \quad \checkmark$$

$$Q(4, 4, 9) \quad \checkmark$$