

$$a) W = 8 \cdot 6 = 48 \text{ J}$$

$$b) W = 6 \cdot 5 = 30 \text{ J}$$

$$c) W = 70 \cdot 30 = 2100 \text{ J}$$

$$d) W = 15 \cdot 20 = 300 \text{ J}$$

$$e) W = 25 \cdot 15 = 375 \text{ J}$$

$$f) W = 30 \cdot 50 = 1500 \text{ J}$$

$$W = \vec{F} \cdot \vec{\Delta x}$$