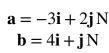
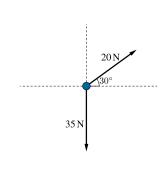


(2)



(3)

 ${f a}$ has magnitude $10\,{
m N}$ and direction 45° anticlockwise from the positive x axis ${f b}=6{f i}-3{f j}\,{
m N}$



2

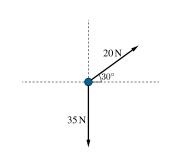
$$\mathbf{a} = -3\mathbf{i} + 2\mathbf{j} \,\mathbf{N}$$
$$\mathbf{b} = 4\mathbf{i} + \mathbf{j} \,\mathbf{N}$$

(3)

a has magnitude 10 N and direction 45° anticlockwise from the positive *x* axis

$$\mathbf{b} = 6\mathbf{i} - 3\mathbf{j} \,\mathrm{N}$$

1



2

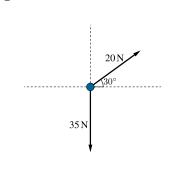
$$\mathbf{a} = -3\mathbf{i} + 2\mathbf{j} \,\mathbf{N}$$
$$\mathbf{b} = 4\mathbf{i} + \mathbf{j} \,\mathbf{N}$$

(3)

 ${f a}$ has magnitude $10\,{
m N}$ and direction 45° anticlockwise from the positive x axis

$$\mathbf{b} = 6\mathbf{i} - 3\mathbf{j} \,\mathrm{N}$$

1



2

$$\mathbf{a} = -3\mathbf{i} + 2\mathbf{j} \,\mathbf{N}$$
$$\mathbf{b} = 4\mathbf{i} + \mathbf{j} \,\mathbf{N}$$

3

a has magnitude $10\,\mathrm{N}$ and direction 45° anticlockwise from the positive x axis

$$\mathbf{b} = 6\mathbf{i} - 3\mathbf{j} \,\mathrm{N}$$