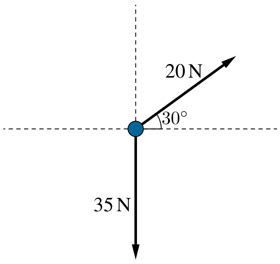
①



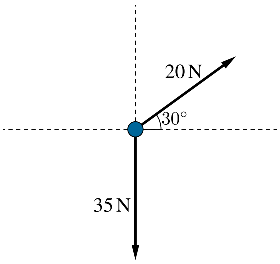
②

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

③

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

①



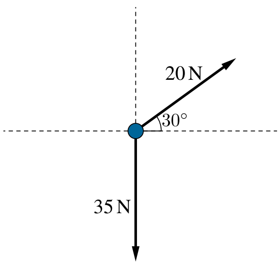
②

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

③

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

①



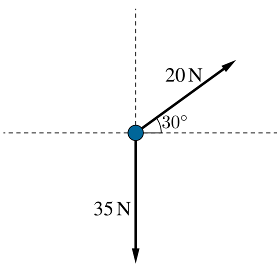
②

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

③

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

①



②

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

③

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