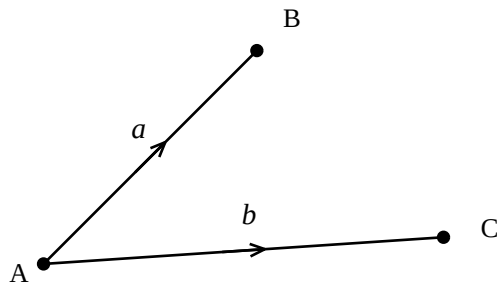


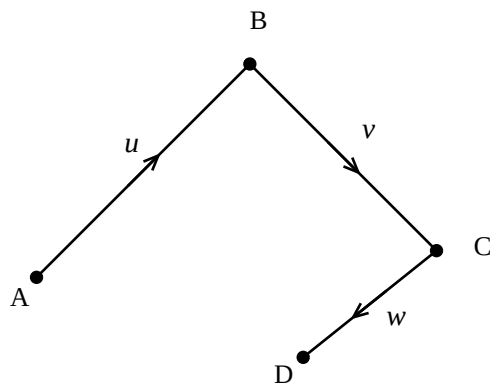
Solutions – Vector Paths (A)

Find $\overrightarrow{BC}$ in terms of a and b .



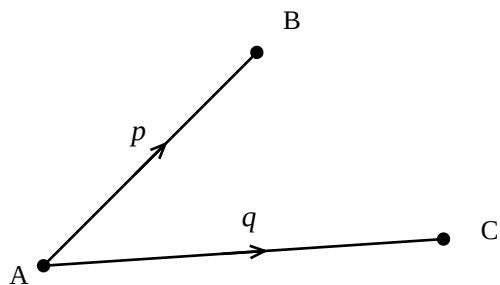
$$b - a$$

Find $\overrightarrow{AD}$ in terms of u , v and w .



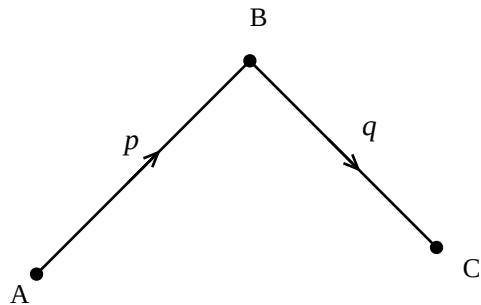
$$u + v + w$$

Find $\overrightarrow{CB}$ in terms of p and q .



$$p - q$$

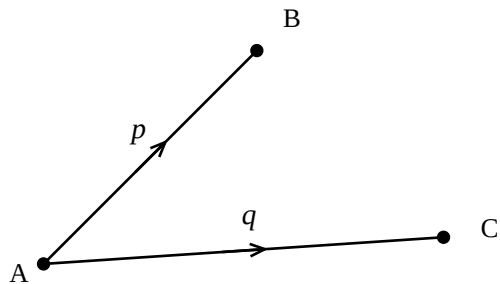
Find $\overrightarrow{AC}$ in terms of p and q .



$$p + q$$

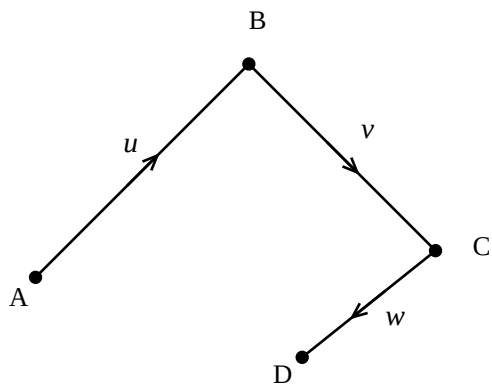
Solutions – Vector Paths (B)

Find $\vec{CB}$ in terms of $\vec{p}$ and $\vec{q}$.



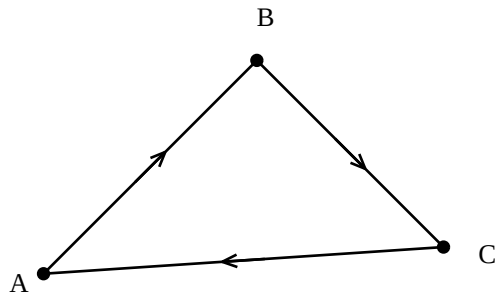
$$\vec{p} - \vec{q}$$

Find $\vec{AD}$ in terms of $\vec{u}$, $\vec{v}$ and $\vec{w}$.



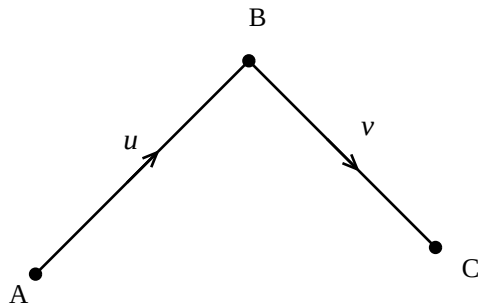
$$\vec{u} + \vec{v} + \vec{w}$$

Find $\vec{AB} + \vec{BC} + \vec{CA}$.



$$\vec{0}$$

Find $\vec{AC}$ in terms of $\vec{u}$ and $\vec{v}$.

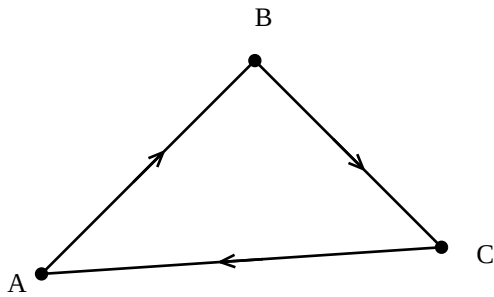


$$\vec{u} + \vec{v}$$

Solutions – Vector Paths (C)

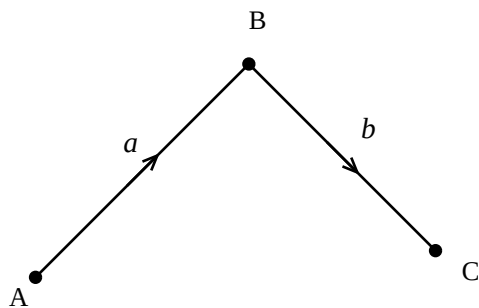
Find $\overrightarrow{AB} + \overrightarrow{BC} + \overrightarrow{CA}$.

$\mathbf{0}$



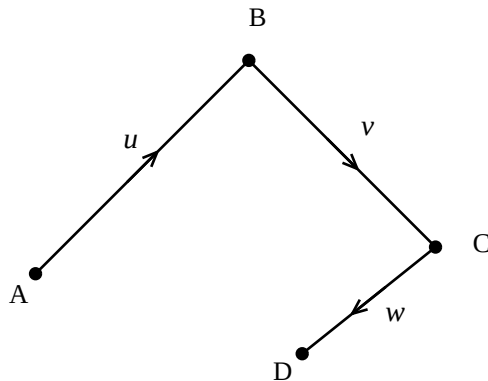
Find $\overrightarrow{AC}$ in terms of a and b .

$\mathbf{a + b}$



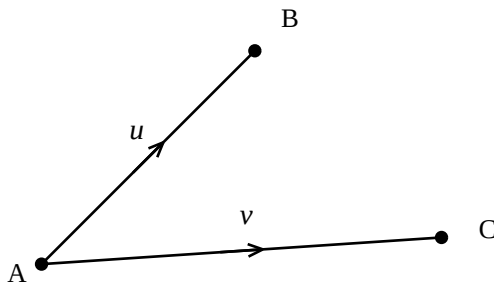
Find $\overrightarrow{AD}$ in terms of u , v and w .

$\mathbf{u + v + w}$



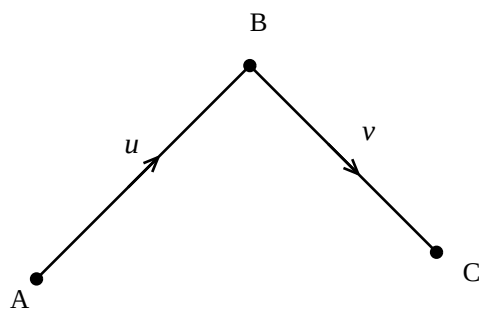
Find $\overrightarrow{CB}$ in terms of u and v .

$\mathbf{u - v}$



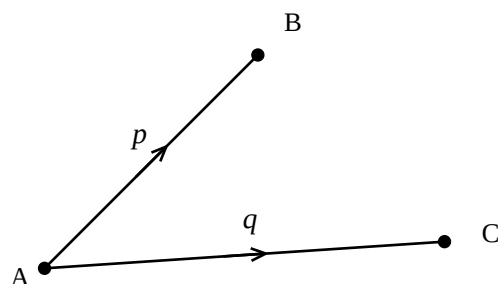
Solutions – Vector Paths (D)

Find AC in terms of u and v .



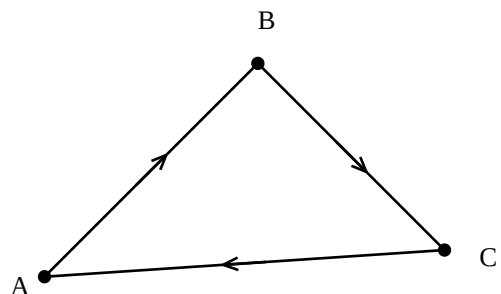
$$u + v$$

Find CB in terms of p and q .



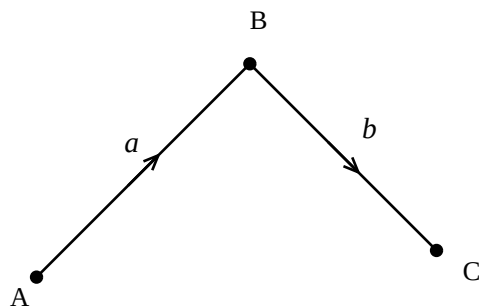
$$p - q$$

Find $AB + BC + CA$.



$$0$$

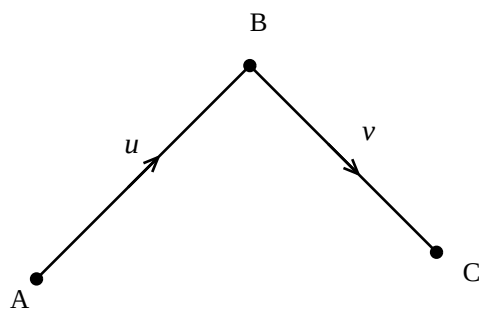
Find CA in terms of a and b .



$$-a - b$$

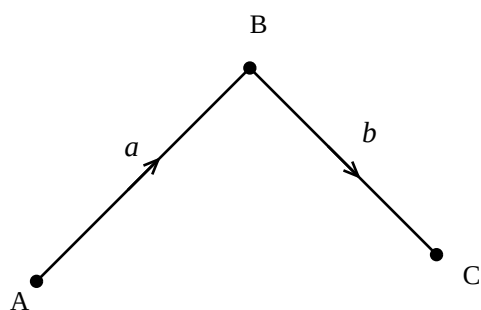
Solutions – Vector Paths (E)

Find AC in terms of u and v .



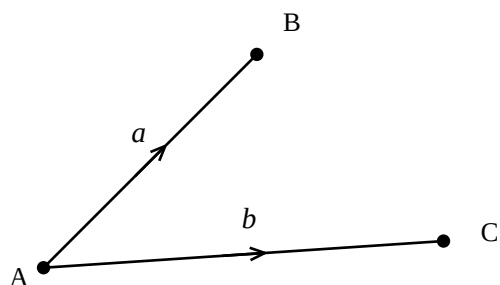
$$u + v$$

Find CA in terms of a and b .



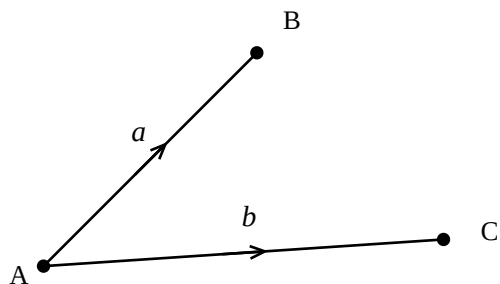
$$-a - b$$

Find BC in terms of a and b .



$$b - a$$

Find CB in terms of a and b .

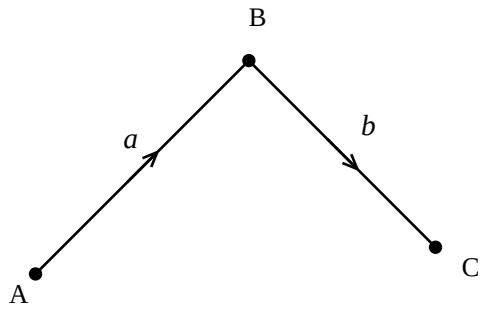


$$a - b$$

Solutions – Vector Paths (F)

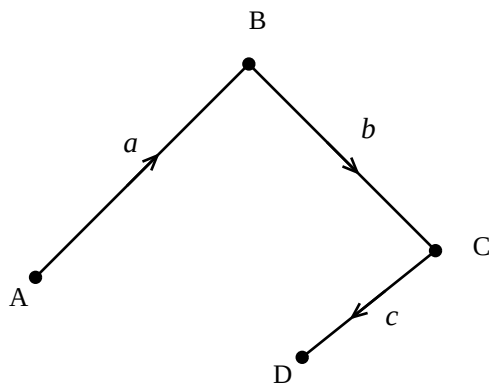
Find $\vec{CA}$ in terms of a and b .

$$-a - b$$



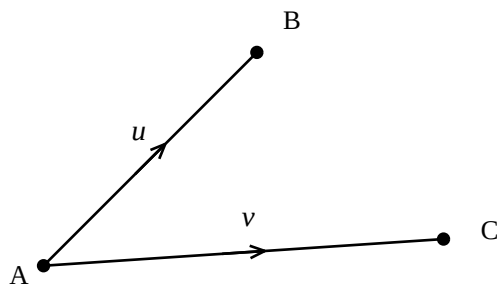
Find $\vec{AD}$ in terms of a , b and c .

$$a + b + c$$



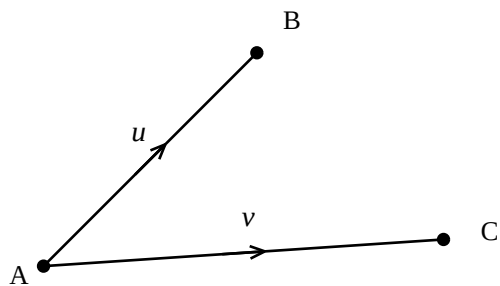
Find $\vec{CB}$ in terms of u and v .

$$u - v$$



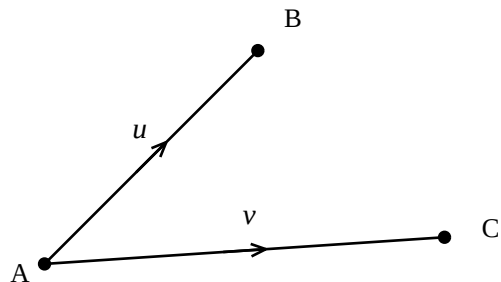
Find $\vec{BC}$ in terms of u and v .

$$v - u$$



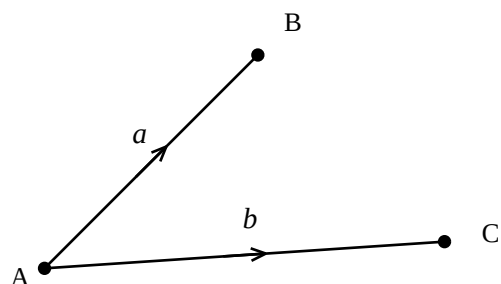
Solutions – Vector Paths (G)

Find $\vec{CB}$ in terms of u and v .



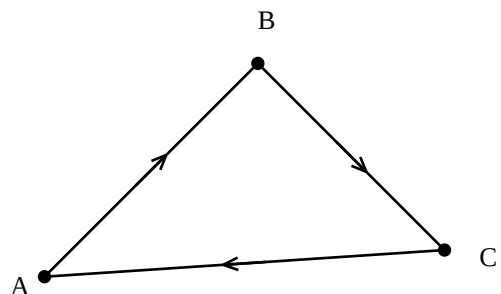
$$u - v$$

Find $\vec{BC}$ in terms of a and b .



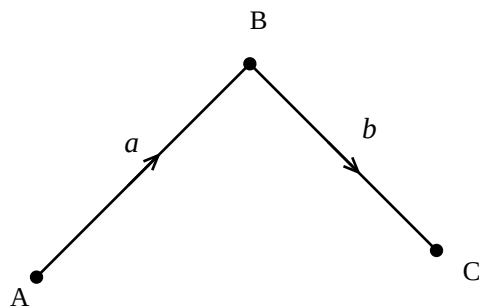
$$b - a$$

Find $\vec{AB} + \vec{BC} + \vec{CA}$.



$$0$$

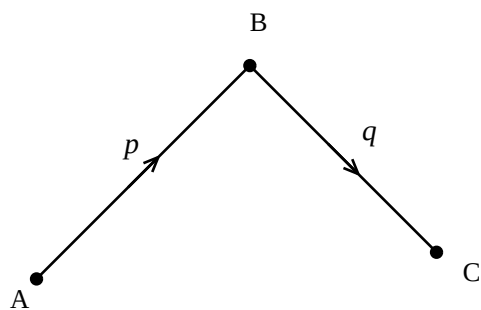
Find $\vec{CA}$ in terms of a and b .



$$-a - b$$

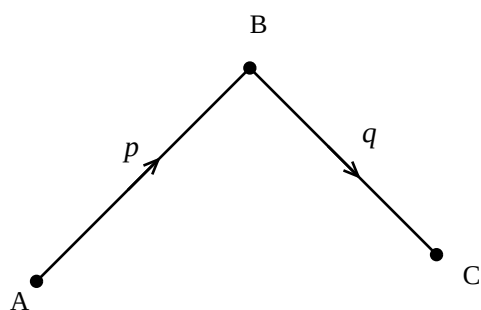
Solutions – Vector Paths (H)

Find AC in terms of p and q .



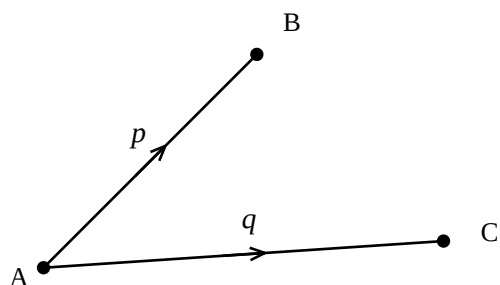
$$p + q$$

Find CA in terms of p and q .



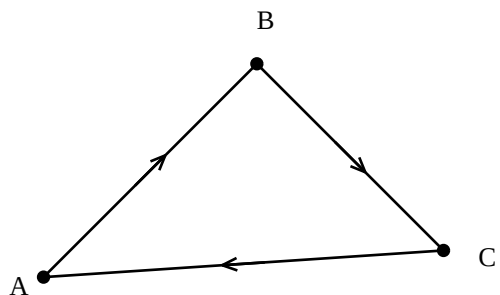
$$-p - q$$

Find BC in terms of p and q .



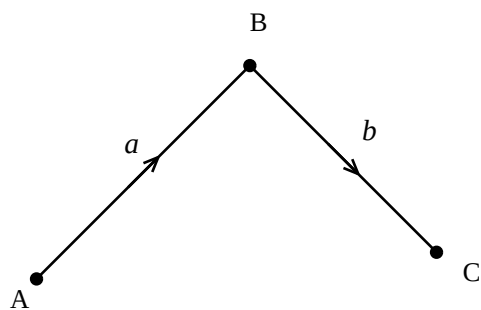
$$q - p$$

Find $AB + BC + CA$.



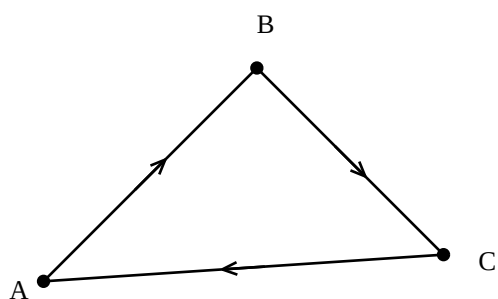
$$0$$

Solutions – Vector Paths (I)



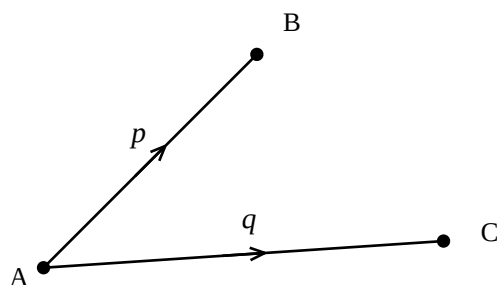
Find $\vec{CA}$ in terms of a and b .

$$-a - b$$



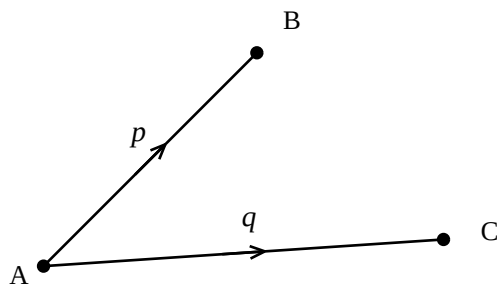
Find $\vec{AB} + \vec{BC} + \vec{CA}$.

$$0$$



Find $\vec{CB}$ in terms of p and q .

$$p - q$$

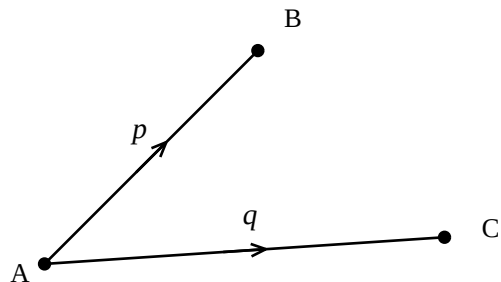


Find $\vec{BC}$ in terms of p and q .

$$q - p$$

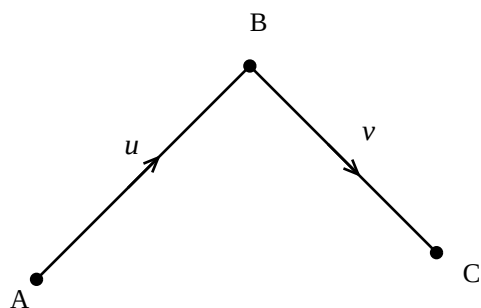
Solutions – Vector Paths (J)

Find $\overrightarrow{CB}$ in terms of p and q .



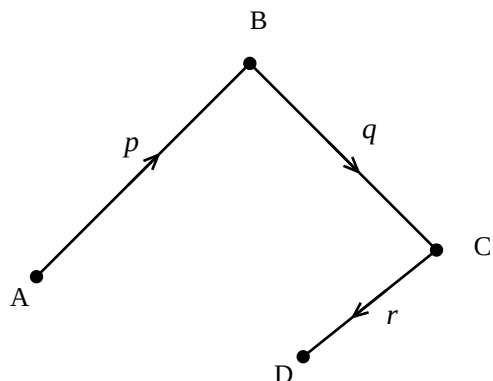
$$p - q$$

Find $\overrightarrow{CA}$ in terms of u and v .



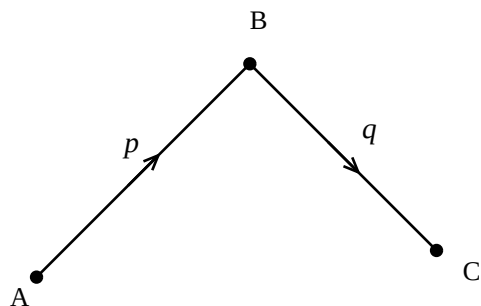
$$-u - v$$

Find $\overrightarrow{AD}$ in terms of p , q and r .



$$p + q + r$$

Find $\overrightarrow{AC}$ in terms of p and q .



$$p + q$$