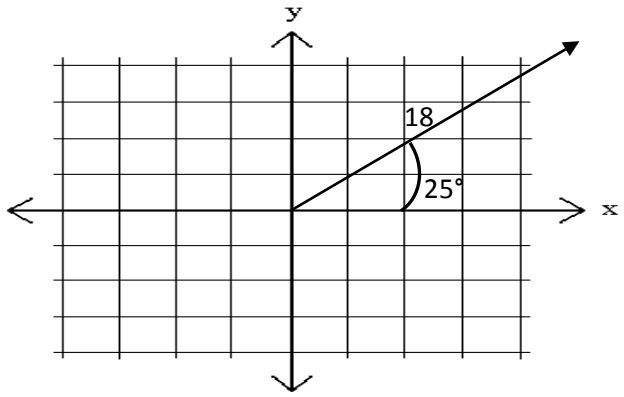


Find the Component form of the vector ***v.***

$$\langle 4, -13 \rangle$$

If R = (-2, 5) & S = (2,-8), find the component form of $\overrightarrow{RS}$

$\sqrt{185}$

If R = (-2, 5) & S = (2,-8), Find the magnitude of $\overrightarrow{RS}$

$\langle -4, -18 \rangle$

If $\mathbf{u}=\langle -1, 3\rangle$ & $\mathbf{v}=\langle 2, 4\rangle$, find -2u-3v

-0.45i – 0.89j

Find the unit vector in the direction of

W= -i - 2j

$$\left\langle \frac{-4}{\sqrt{41}}, \frac{-5}{\sqrt{41}} \right\rangle$$

Find the unit vector in the direction of

u= $\langle -4, -5 \rangle$

$\sqrt{5}$

Find the magnitude of $\langle -1, 2 \rangle$

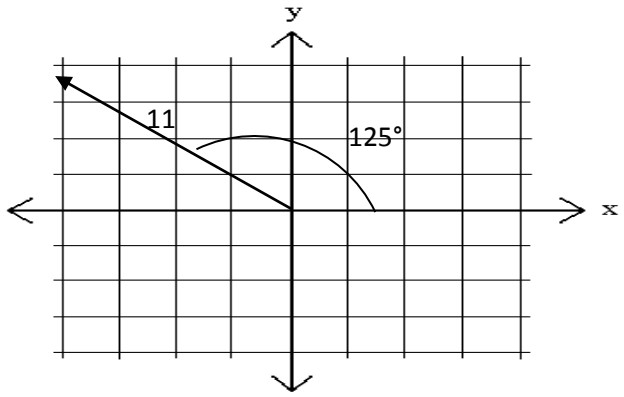
$$\frac{3x}{x^2+2} + \frac{-1}{\left(x^2+2\right)^2}$$

Find the Partial Fraction Decomposition for the expression

$$\frac{3x^3+6x-1}{\left(x^2+2\right)^2}$$

Find the direction angle of $\langle -1, 2 \rangle$

$\langle -6.3, 9.0 \rangle$



Find the Component form of the vector ***v.***

$\langle -7, 7 \rangle$

If R = (2, -3) & S = (-5,4), find the component form of $\overrightarrow{RS}$

$7\sqrt{2}$

If R = (2, -3) & S = (-5,4), Find the magnitude of $\overrightarrow{RS}$

$\langle 5, -12 \rangle$

If $\mathbf{u}=\langle 1,-2\rangle$ & $\mathbf{v}=\langle -1,3\rangle$, find 3u-2v

0.55i – 0.83j

Find the unit vector in the direction of

W= 2i - 3j

$$\left\langle \frac{7}{25}, \frac{24}{25} \right\rangle$$

Find the unit vector in the direction of

u= $\langle 7, 24 \rangle$

$\sqrt{97}$

Find the magnitude of $\langle 4, -9 \rangle$

$$\frac{3}{x+1} - \frac{2}{2x-3}$$

Find the Partial Fraction Decomposition for the expression

$$\frac{4x-11}{2x^2-x-3}$$

Find the direction angle of $\langle 4, -9 \rangle$

$\langle 16.3, 7.6 \rangle$