



FISIKA

VEKTOR

KOMPONEN VEKTOR

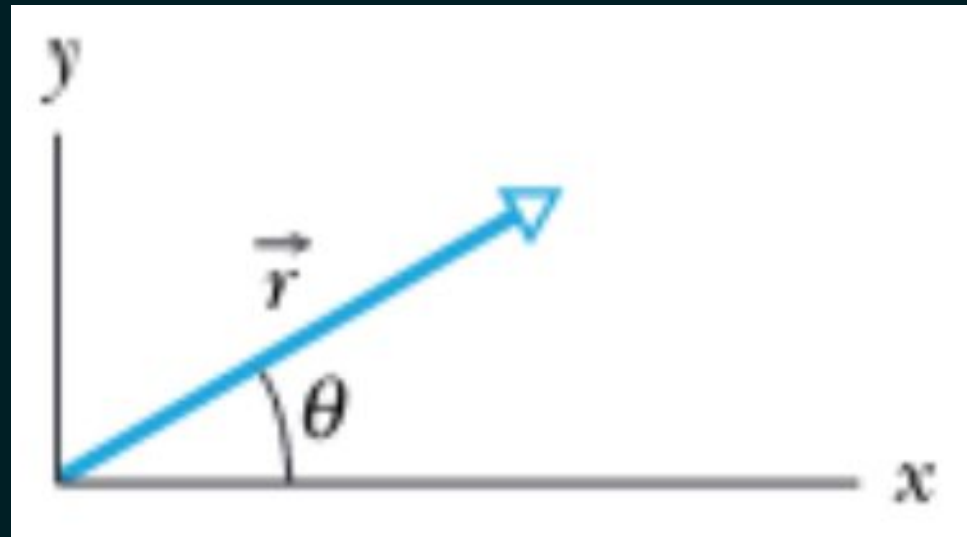


NO 2

- **Diketahui**
 - $r = 15 \text{ m}$
 - $\theta = 30^\circ$
- **Ditanya**
 - r_x
 - r_y
- **Solusi**

$$\begin{aligned}
 r_x &= r \cos(30^\circ) \\
 &= 15 \times \frac{\sqrt{3}}{2} \\
 &= 7.5 \sqrt{3} \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 r_y &= r \sin(30^\circ) \\
 &= 15 \times \frac{1}{2} \\
 &= 7.5 \text{ m}
 \end{aligned}$$





SUMBER:

Halliday, D., Resnick, R., &
Walker, J. (2013). *Fundamentals of
physics*. John Wiley & Sons.

