✓ **Congratulations! You passed!**

TO PASS 80% or higher
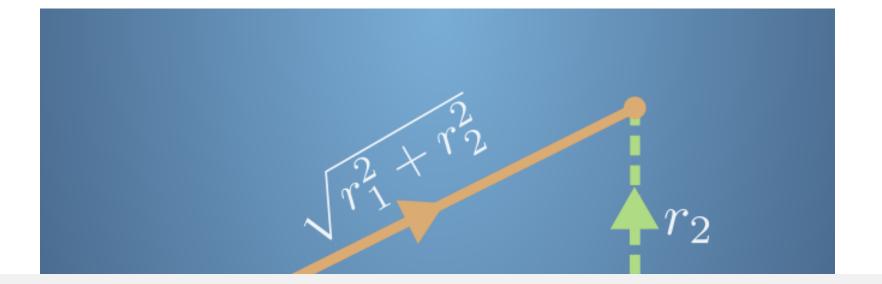
Keep Learning

GRADE
83.33%

Dot product of vectors

TOTAL POINTS 6

1. As we have seen in the lecture videos, the dot product of vectors has a lot of applications. Here, you will complete some exercises involving the dot product.

   0 / 1 point

   We have seen that the size of a vector with two components is calculated using Pythagoras' theorem, for example the following diagram shows how we calculate the size of the orange vector $\mathbf{r} = \begin{bmatrix} r_1 \\ r_2 \end{bmatrix}$: