

Please PRINT your name _____

No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

Please take a picture of your quiz (for your records) just before you turn the quiz in. I will e-mail your grade and my comments to you. I will return your quiz when I next see you.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Math 241, Quiz 2, January 22, 2025

Find a vector of length 7 that has the same direction as $\vec{v} = 12\vec{i} - 5\vec{k}$.

Answer: The vector \vec{v} has length $\sqrt{(12)^2 + (25)^2} = \sqrt{169} = 13$ the vector of length 7 and the same direction as \vec{v} is $\frac{7}{13}(12\vec{i} - 5\vec{k})$.