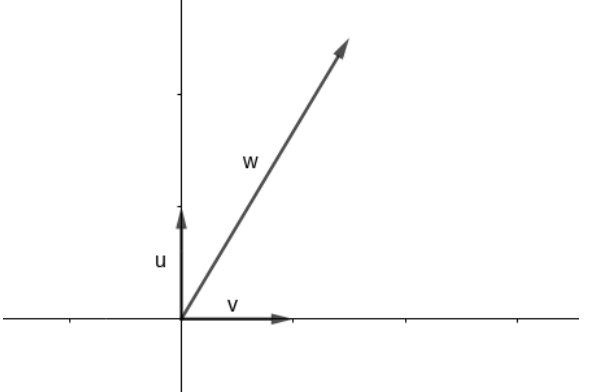
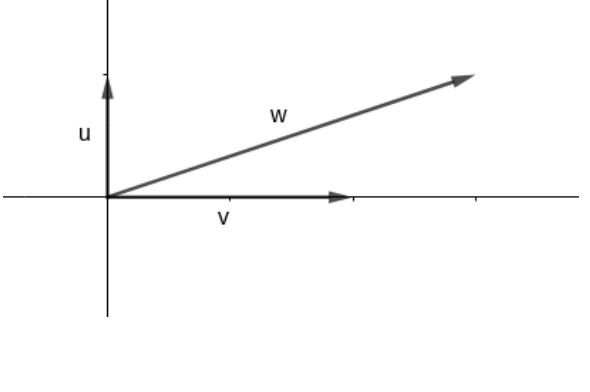
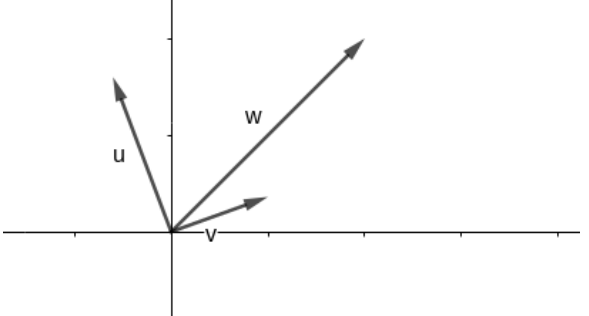
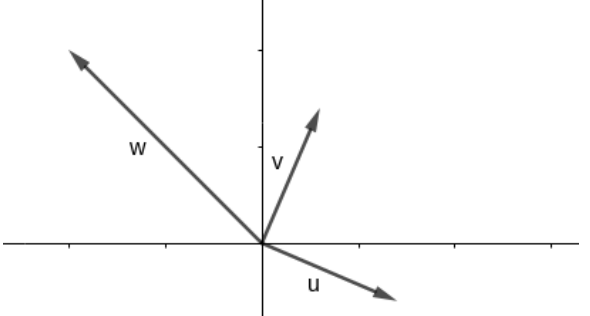
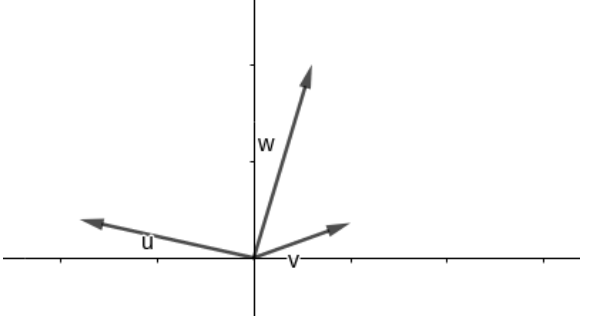
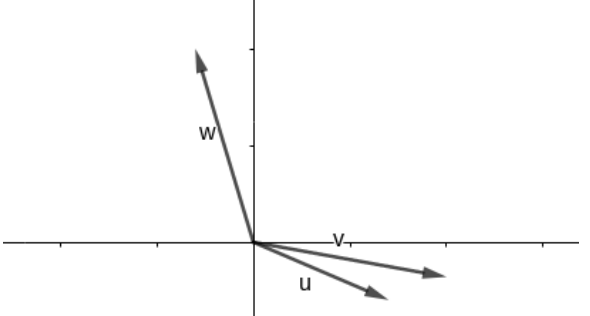


Perpendicularity and Approximations

For each of the following collections of vectors, estimate the scalars a and b so that $a\mathbf{u} + b\mathbf{v} = \mathbf{w}$. As an example, the first one has already been done.

Try to intuitively guess the combinations! Don't spend much time thinking about it!

 <p>$w = 2.5u + 1v$</p>	 <p>$w =$</p>
 <p>$w =$</p>	 <p>$w =$</p>
 <p>$w =$</p>	 <p>$w =$</p>