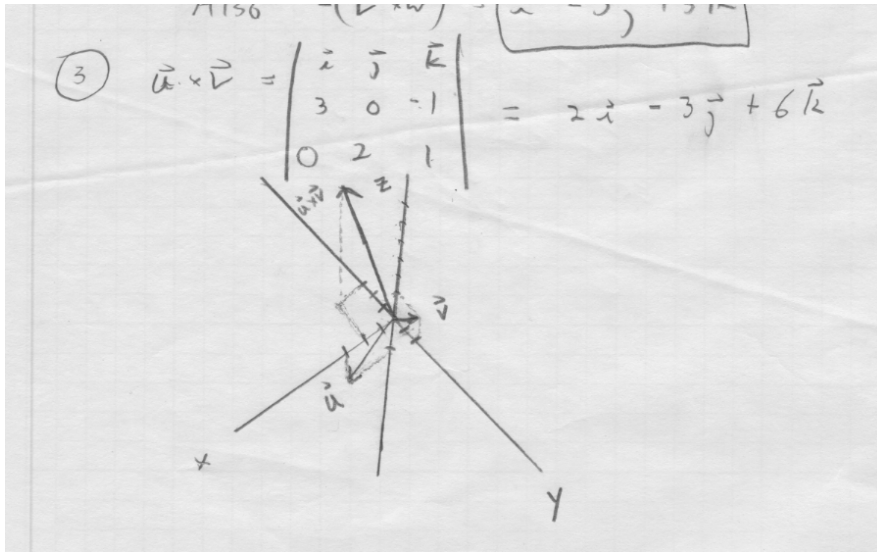


12.5 Answers

1. $\langle 3, -1, -5 \rangle$

2. $\langle -1, 5, -3 \rangle, \langle 1, -5, 3 \rangle$



4. Away

5. 18

6. 6 square units

7. 14 cubic units

8. 100 inch-pounds

9. $252\sqrt{5}$ lbs