Unit 4 Need some extra review problems??

1. Change to polar form.

2. Change to rectangular form.

3. Change to rectangular form

4. Change to polar form.

5. Rename so that

a)

b)

6.

7. Find the fourth roots of 16*i*

8. Write the component form of given A(-2, 3) and B(5, 4)

9. Find the angle between < -3, -4 > and < 7, -2 >

10. If , find the horizontal and vertical components.

11. A plane is flying on a bearing of 200at a speed of 530 mph. The wind is blowing at a bearing of at 35 mph, find the ground speed and direction of the plane.

12. If , find a unit vector in the direction of *u*.

13. , find

a) a+b

b) ab

c)

d)

e)

14. Identify the polar equations

a)

b)

c)

15. Eliminate the parameter