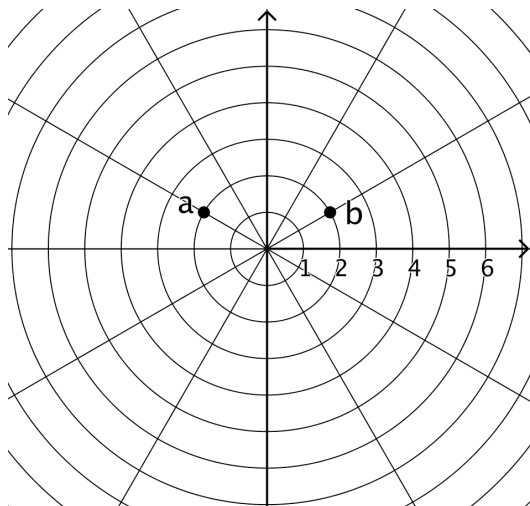
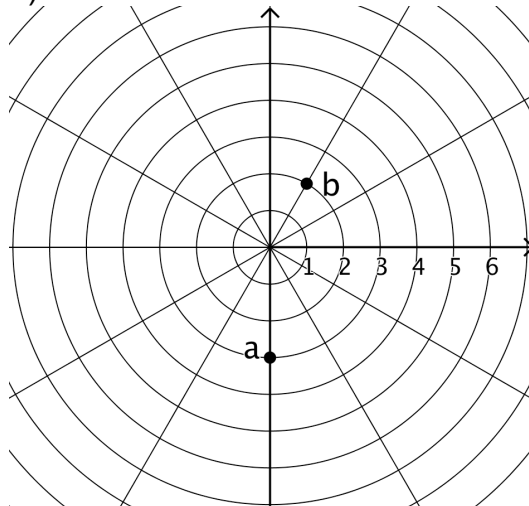


1. Multiply the numbers below *graphically*.

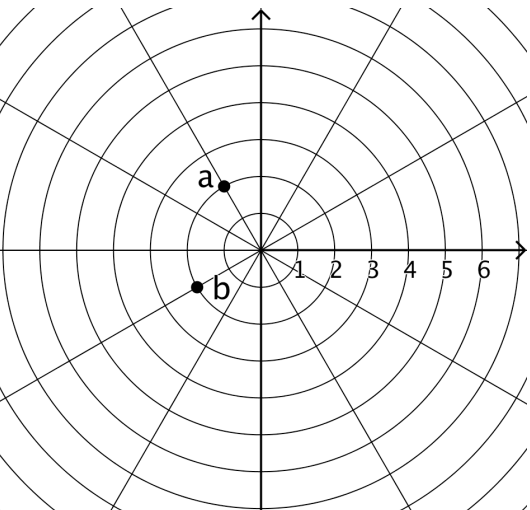
a)



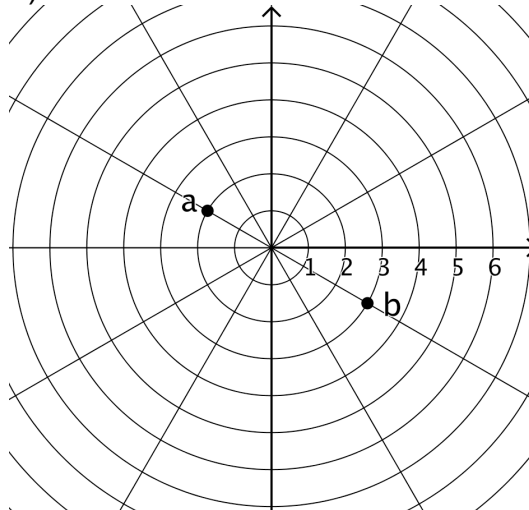
b)



c)



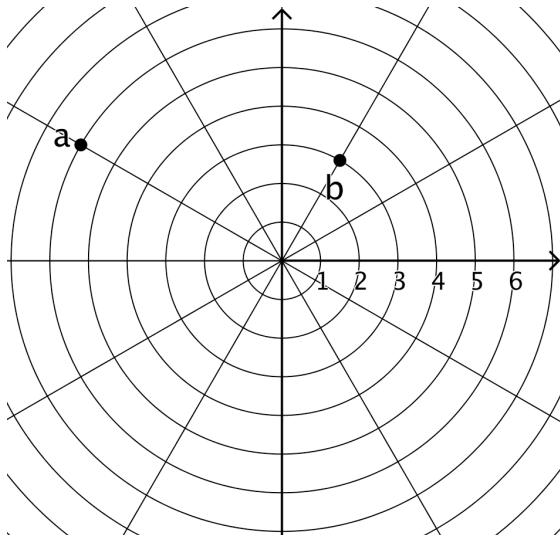
d)



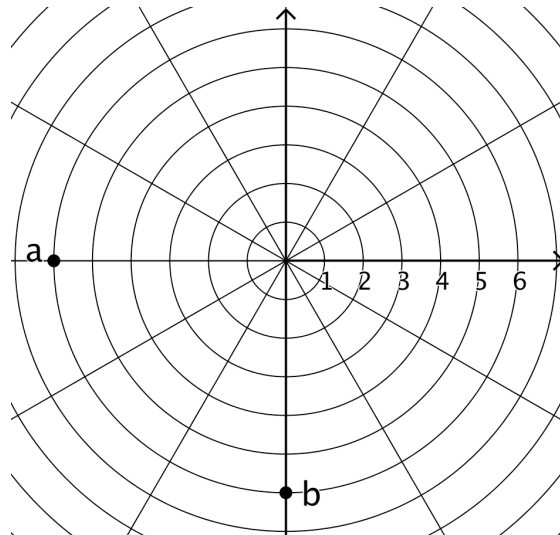
2. Convert from rectangular to polar (*make sure you get the angle RIGHT!*), multiply, convert back to rectangular. $a = (3, 5)$ and $b = (-4, 2)$ Find the product ab .

3. Convert from rectangular to polar, multiply, convert back to rectangular.
 $c = (-3, -1)$ and $d = (-2, 5)$ Find the product cd

4. Perform the indicated operations.
 a) Find a/b



- b) Find and label a/b and b/a



5. Convert to polar, *divide*, convert back to rectangular. $a = (10, 11)$ $b = (4, 1)$.
 Find a/b