



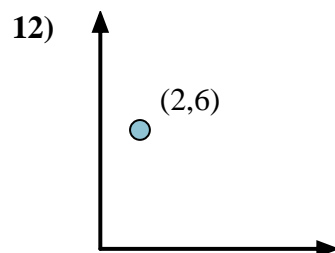
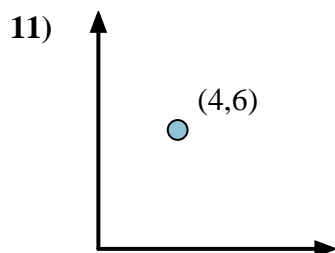
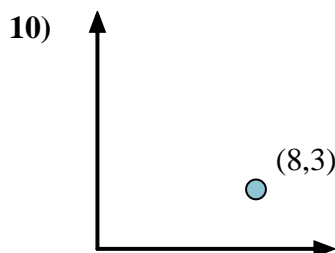
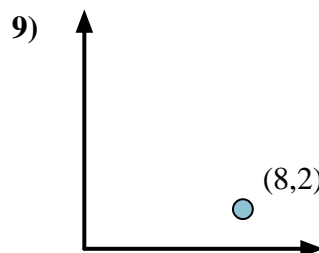
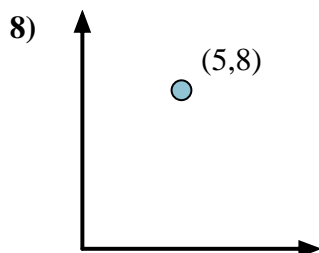
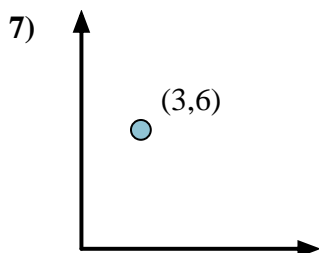
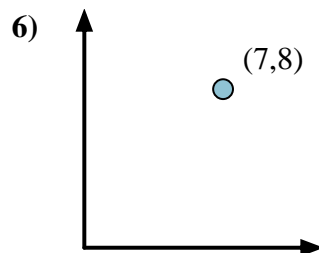
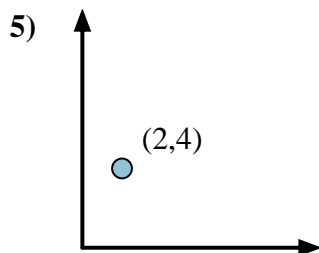
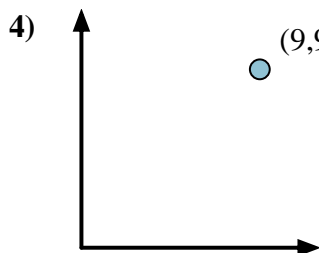
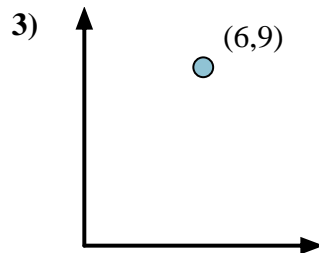
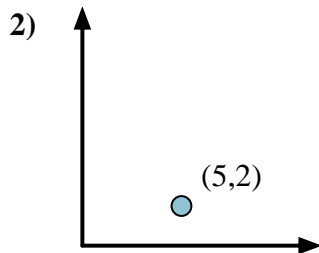
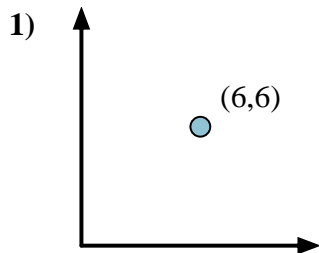
Calculate the angle of the circle relative to (0,0).

First find the slope.
 $(y_2 - y_1) \div (x_2 - x_1) = m$
 $(5 - 0) \div (4 - 0) = 1.25$

Then find the arc tangent (aka. inverse tangent) of the slope.
 $\arctan(1.25) = 51.34^\circ$

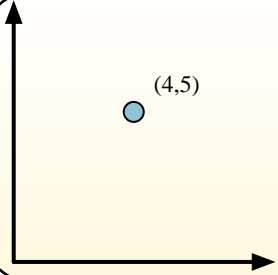
Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



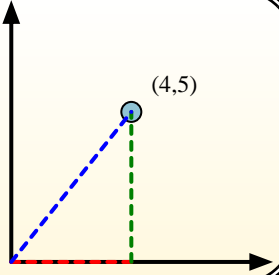


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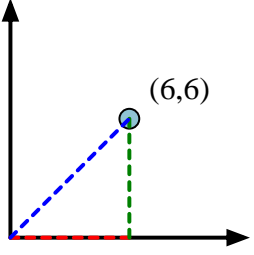
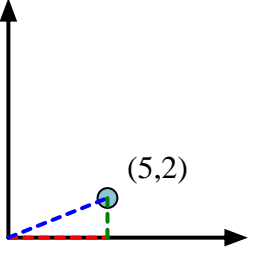
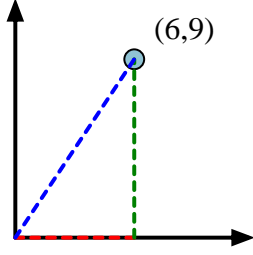
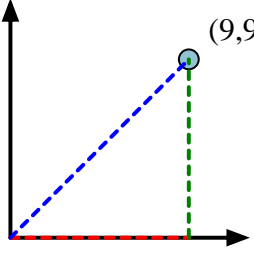
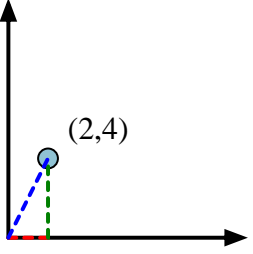
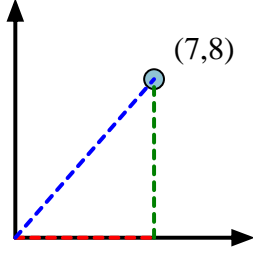
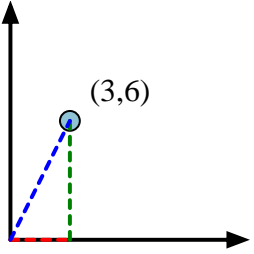
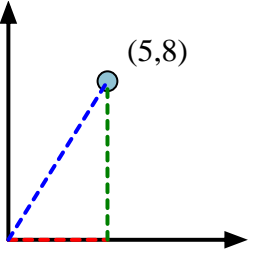
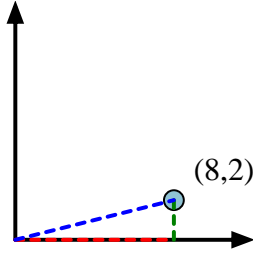
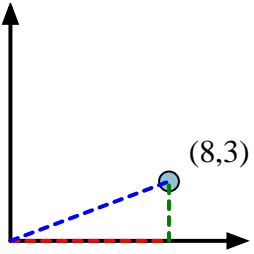
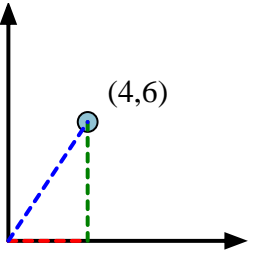
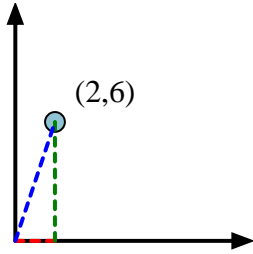


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Answers

- 1) 
- 2) 
- 3) 
- 4) 
- 5) 
- 6) 
- 7) 
- 8) 
- 9) 
- 10) 
- 11) 
- 12) 

1. 45.00
2. 21.80
3. 56.31
4. 45.00
5. 63.43
6. 48.81
7. 63.43
8. 57.99
9. 14.04
10. 20.56
11. 56.31
12. 71.57