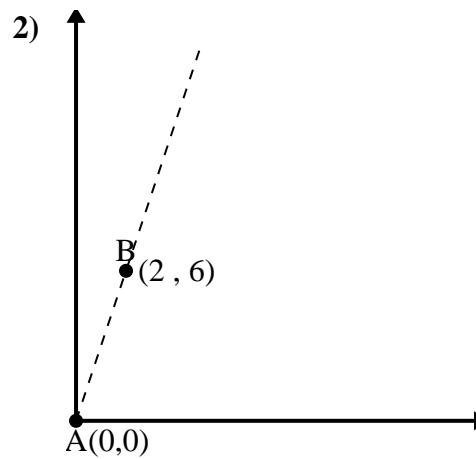
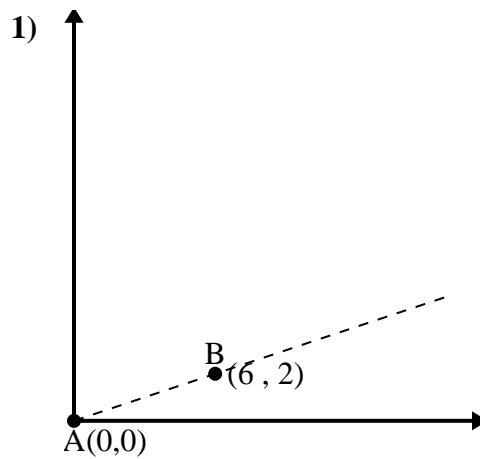
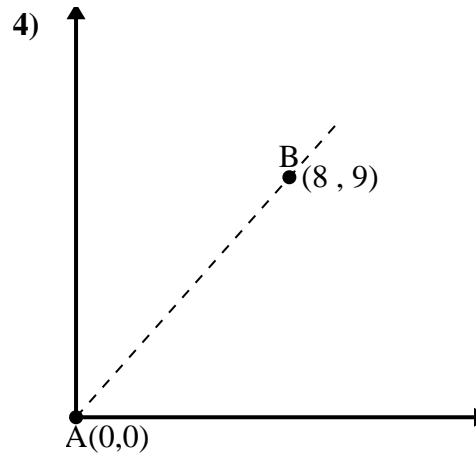
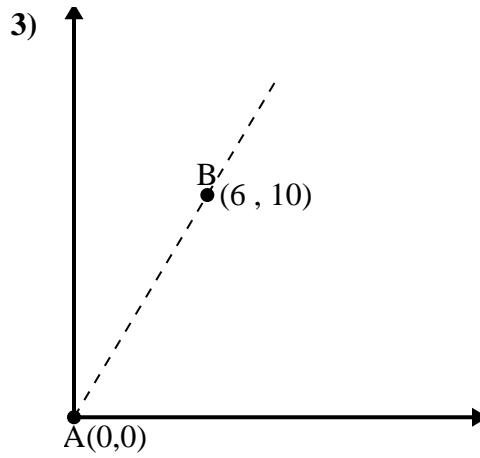




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

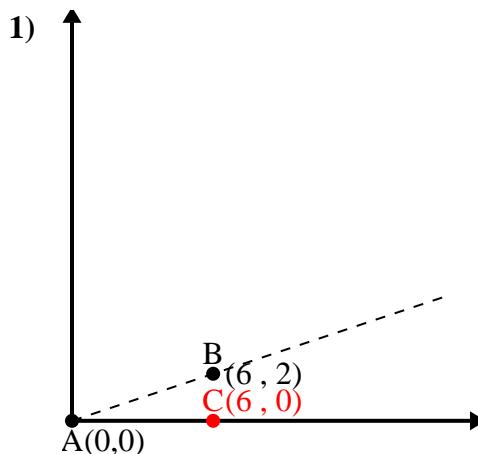
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 6.32$$

$$\overline{AC} \text{ length} = 6$$

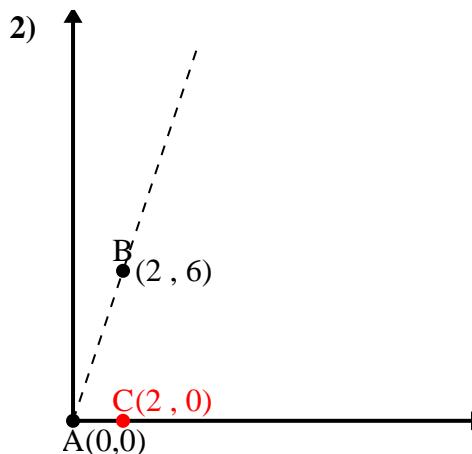
$$\overline{BC} \text{ length} = 2$$

$$(40 + 36 + 4) \div (2 \times 6.32 \times 6)$$

$$0.95$$

$$\cos^{-1}(0.95)$$

$$18.43^\circ$$



$$\overline{AB} \text{ length} = 6.32$$

$$\overline{AC} \text{ length} = 2$$

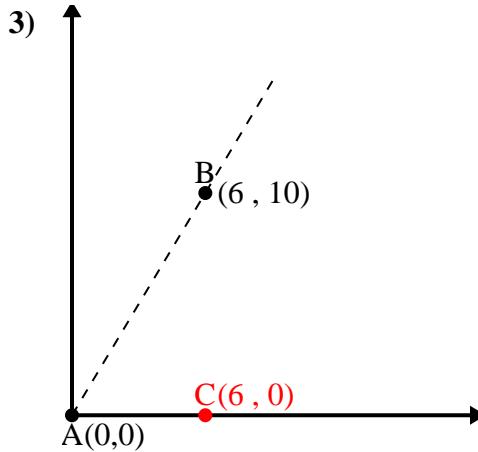
$$\overline{BC} \text{ length} = 6$$

$$(40 + 4 + 36) \div (2 \times 6.32 \times 2)$$

$$0.32$$

$$\cos^{-1}(0.32)$$

$$71.57^\circ$$



$$\overline{AB} \text{ length} = 11.66$$

$$\overline{AC} \text{ length} = 6$$

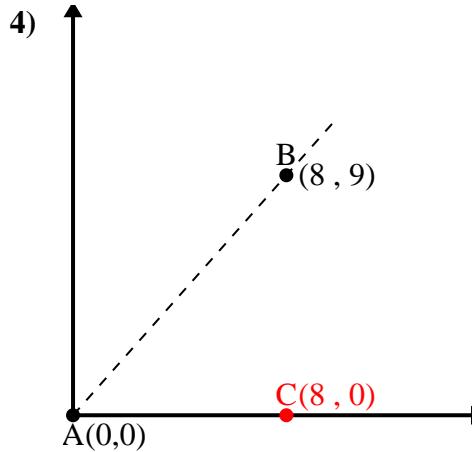
$$\overline{BC} \text{ length} = 10$$

$$(136 + 36 + 100) \div (2 \times 11.66 \times 6)$$

$$0.51$$

$$\cos^{-1}(0.51)$$

$$59.04^\circ$$



$$\overline{AB} \text{ length} = 12.04$$

$$\overline{AC} \text{ length} = 8$$

$$\overline{BC} \text{ length} = 9$$

$$(145 + 64 + 81) \div (2 \times 12.04 \times 8)$$

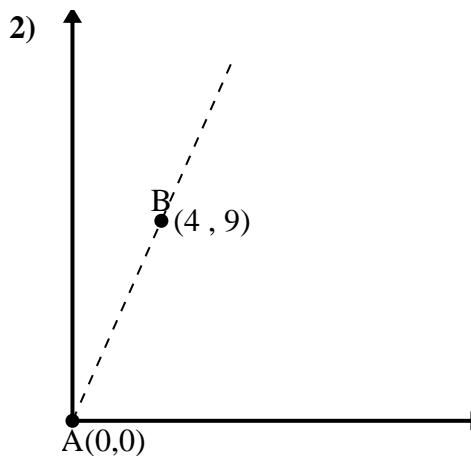
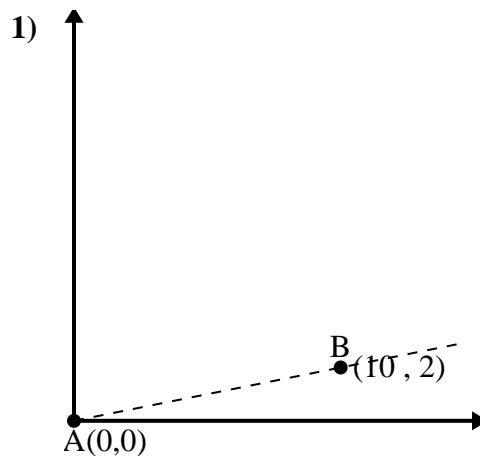
$$0.66$$

$$\cos^{-1}(0.66)$$

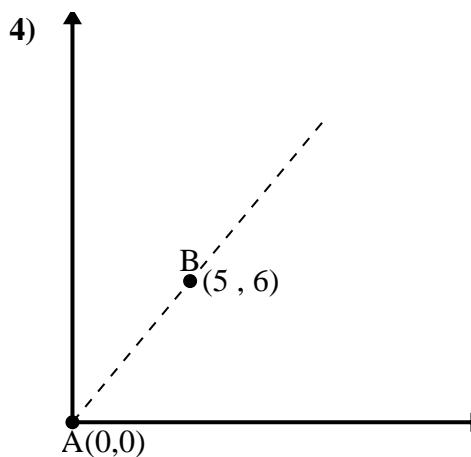
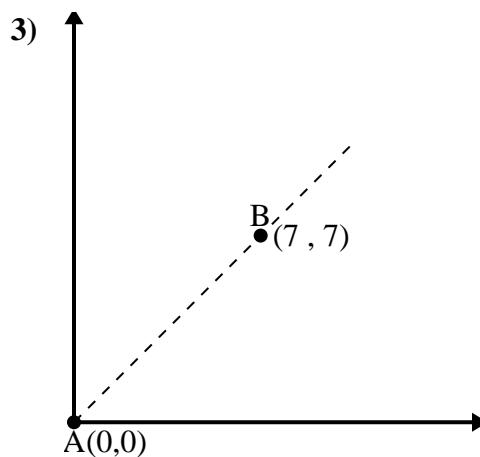
$$48.37^\circ$$



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

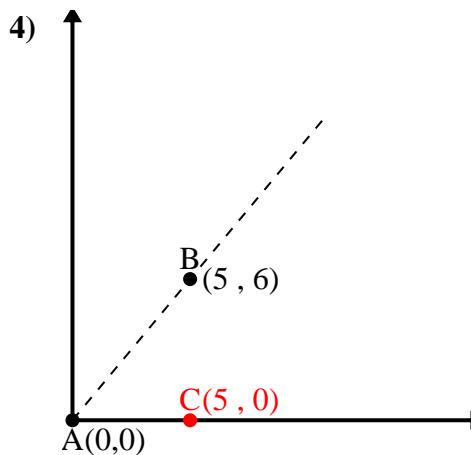
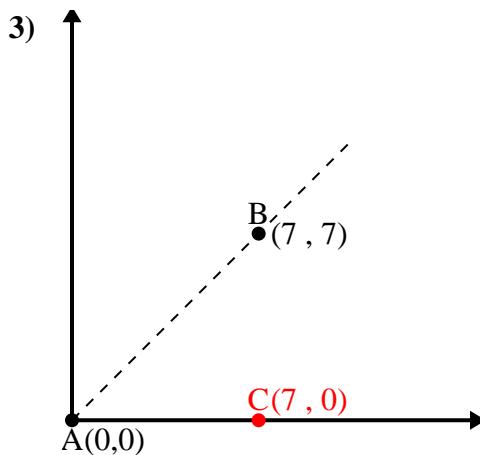
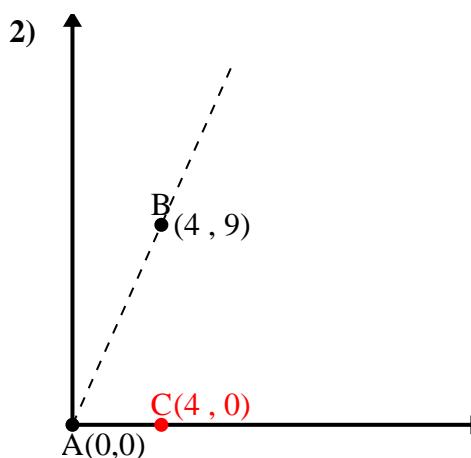
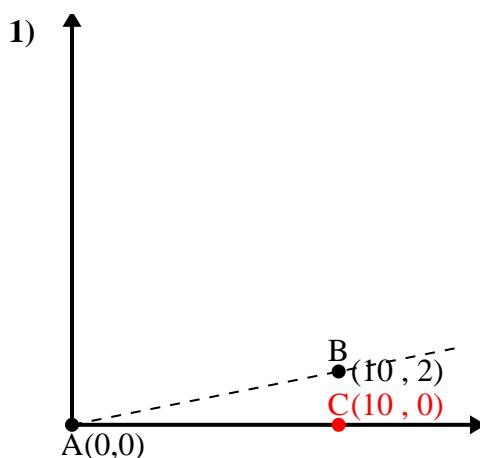
Respuestas

1. _____
2. _____
3. _____
4. _____

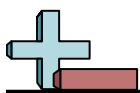




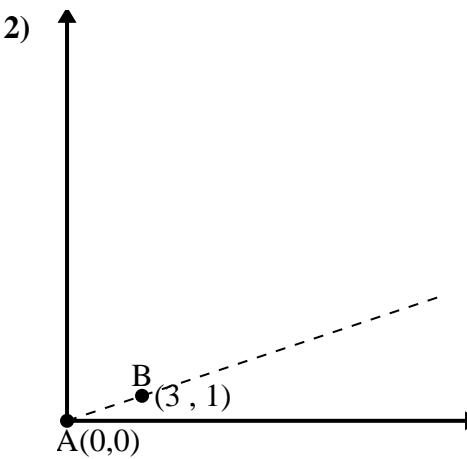
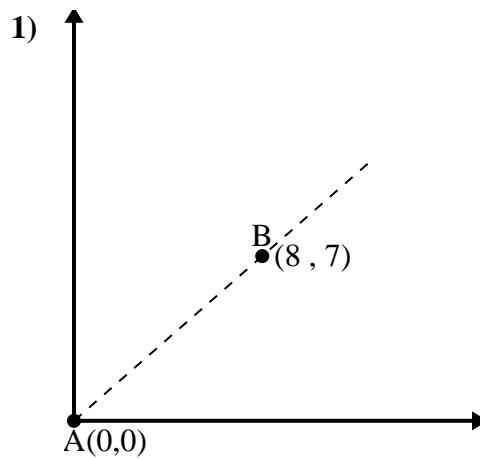
Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

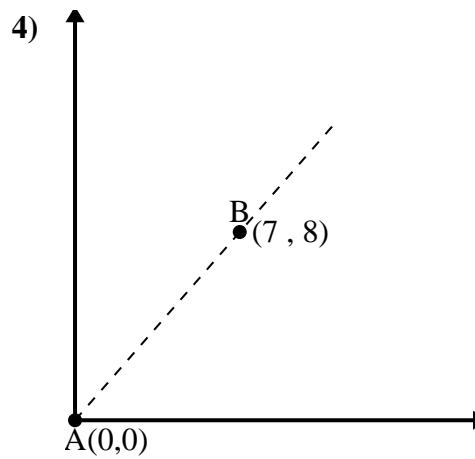
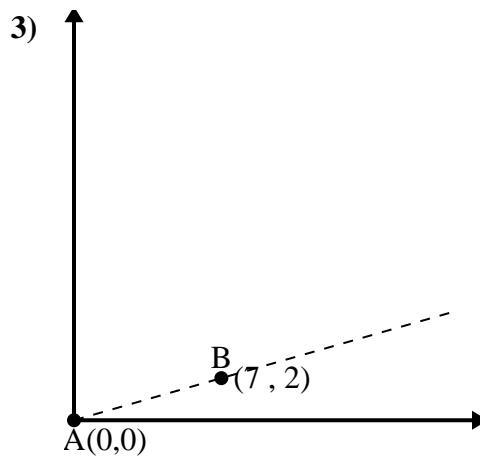
1. **11.31°**
2. **66.04°**
3. **45°**
4. **50.19°**

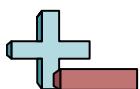


Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

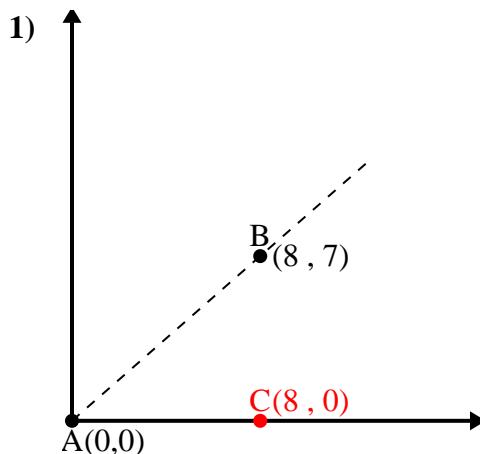
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 10.63$$

$$\overline{AC} \text{ length} = 8$$

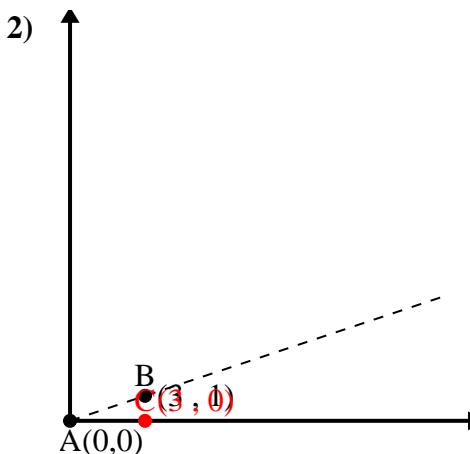
$$\overline{BC} \text{ length} = 7$$

$$(113 + 64 + 49) \div (2 \times 10.63 \times 8)$$

$$0.75$$

$$\cos^{-1}(0.75)$$

$$41.19^\circ$$



$$\overline{AB} \text{ length} = 3.16$$

$$\overline{AC} \text{ length} = 3$$

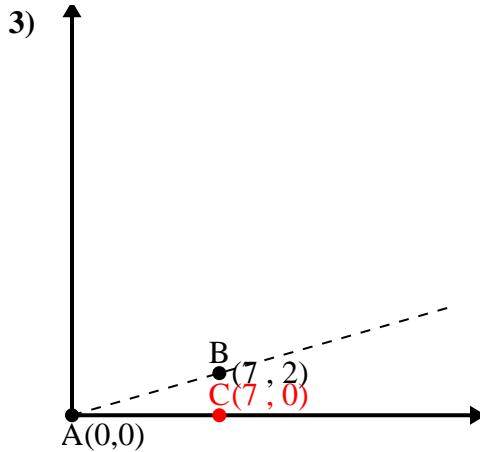
$$\overline{BC} \text{ length} = 1$$

$$(10 + 9 + 1) \div (2 \times 3.16 \times 3)$$

$$0.95$$

$$\cos^{-1}(0.95)$$

$$18.43^\circ$$



$$\overline{AB} \text{ length} = 7.28$$

$$\overline{AC} \text{ length} = 7$$

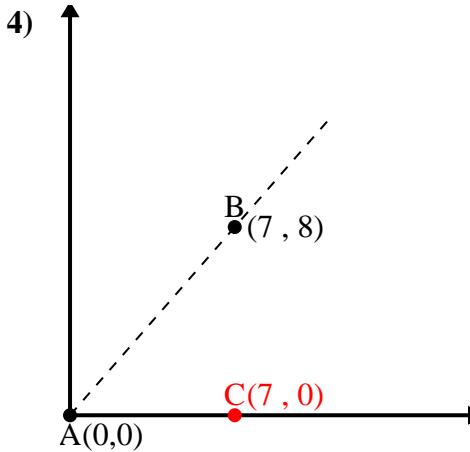
$$\overline{BC} \text{ length} = 2$$

$$(53 + 49 + 4) \div (2 \times 7.28 \times 7)$$

$$0.96$$

$$\cos^{-1}(0.96)$$

$$15.95^\circ$$



$$\overline{AB} \text{ length} = 10.63$$

$$\overline{AC} \text{ length} = 7$$

$$\overline{BC} \text{ length} = 8$$

$$(113 + 49 + 64) \div (2 \times 10.63 \times 7)$$

$$0.66$$

$$\cos^{-1}(0.66)$$

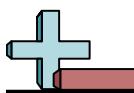
$$48.81^\circ$$

1. **41.19°**

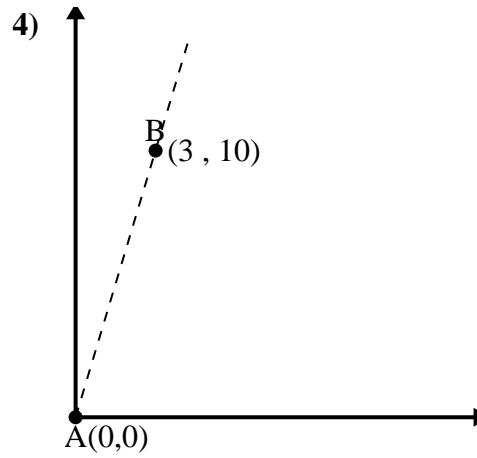
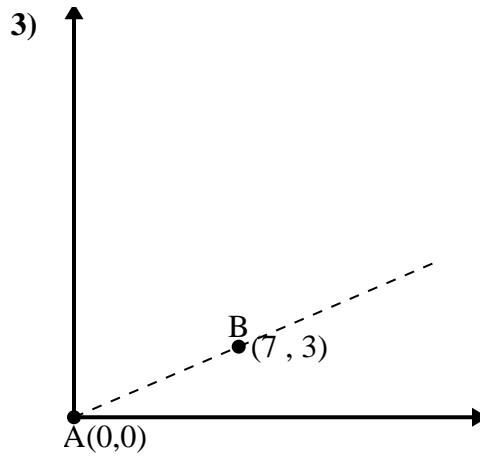
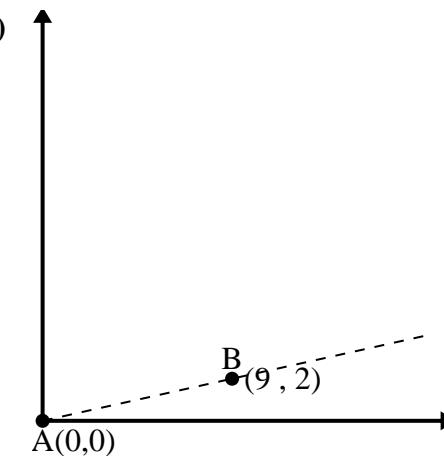
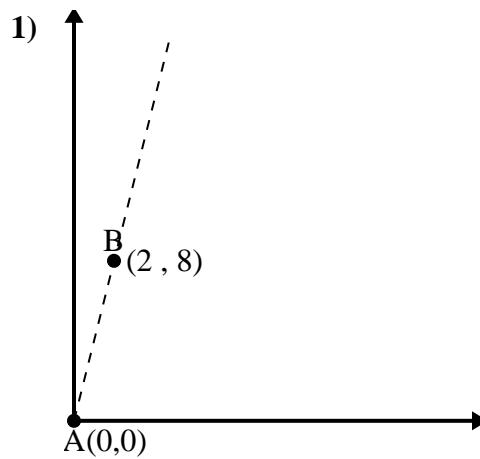
2. **18.43°**

3. **15.95°**

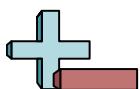
4. **48.81°**



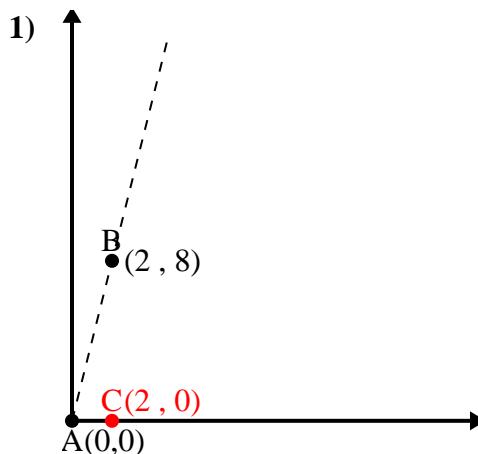
Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

1. _____
2. _____
3. _____
4. _____



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 8.25$$

$$\overline{AC} \text{ length} = 2$$

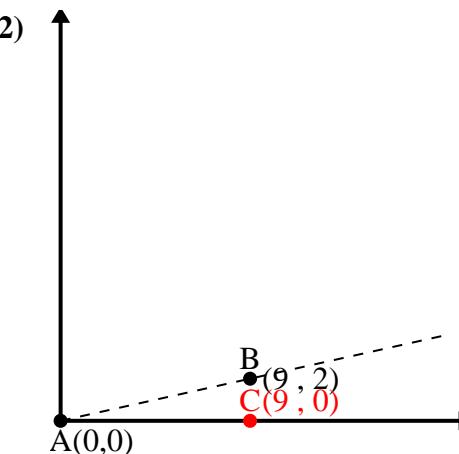
$$\overline{BC} \text{ length} = 8$$

$$(68 + 4 + 64) \div (2 \times 8.25 \times 2)$$

$$0.24$$

$$\cos^{-1}(0.24)$$

$$75.96^\circ$$



$$\overline{AB} \text{ length} = 9.22$$

$$\overline{AC} \text{ length} = 9$$

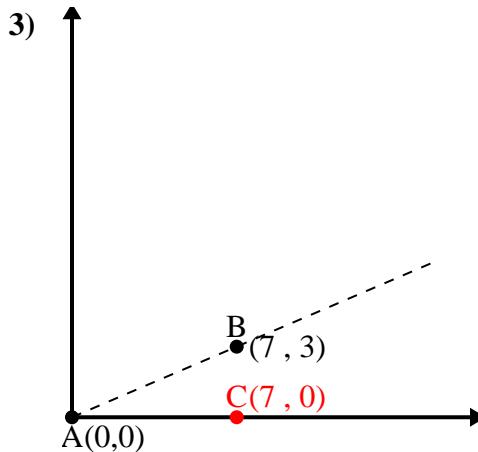
$$\overline{BC} \text{ length} = 2$$

$$(85 + 81 + 4) \div (2 \times 9.22 \times 9)$$

$$0.98$$

$$\cos^{-1}(0.98)$$

$$12.53^\circ$$



$$\overline{AB} \text{ length} = 7.62$$

$$\overline{AC} \text{ length} = 7$$

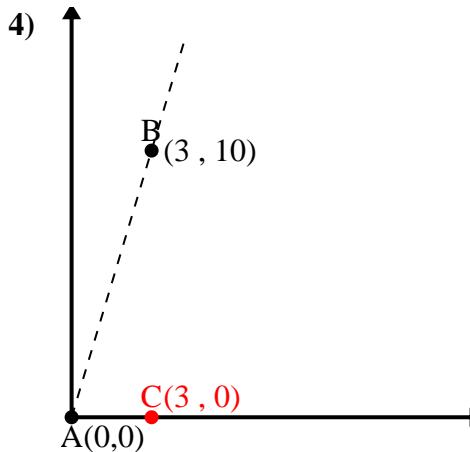
$$\overline{BC} \text{ length} = 3$$

$$(58 + 49 + 9) \div (2 \times 7.62 \times 7)$$

$$0.92$$

$$\cos^{-1}(0.92)$$

$$23.2^\circ$$



$$\overline{AB} \text{ length} = 10.44$$

$$\overline{AC} \text{ length} = 3$$

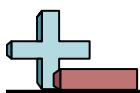
$$\overline{BC} \text{ length} = 10$$

$$(109 + 9 + 100) \div (2 \times 10.44 \times 3)$$

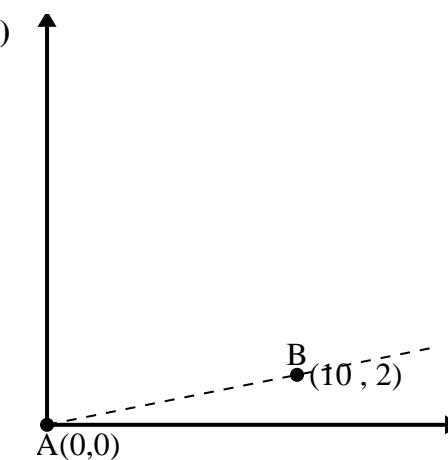
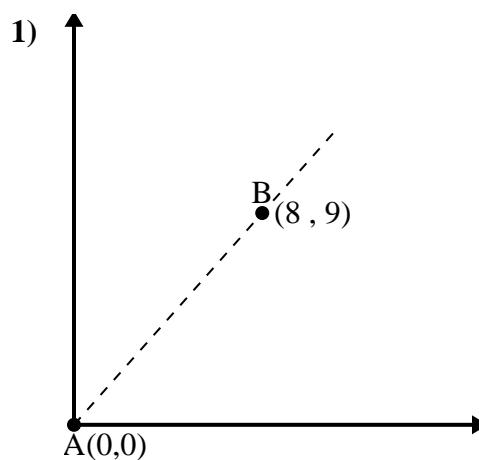
$$0.29$$

$$\cos^{-1}(0.29)$$

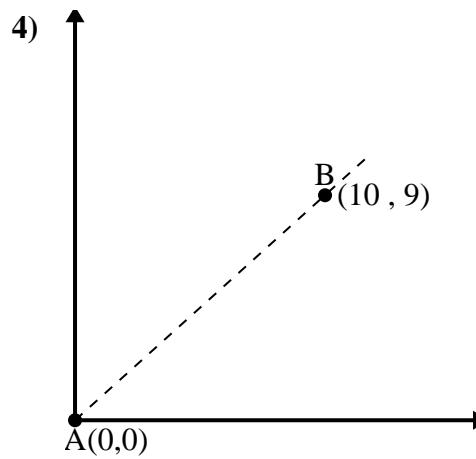
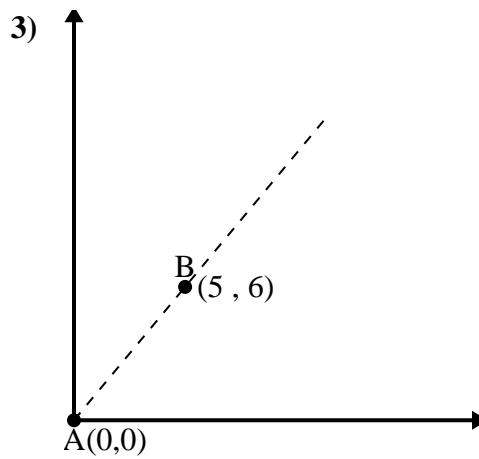
$$73.3^\circ$$



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

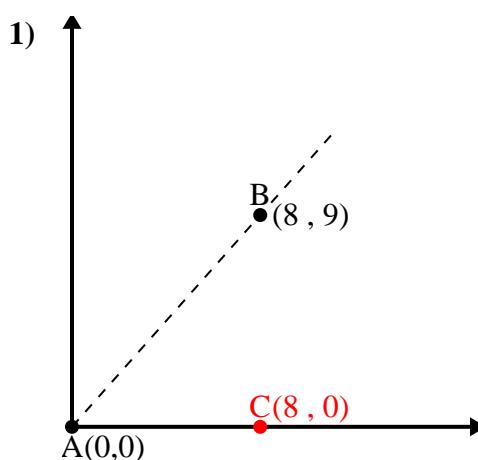
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 12.04$$

$$\overline{AC} \text{ length} = 8$$

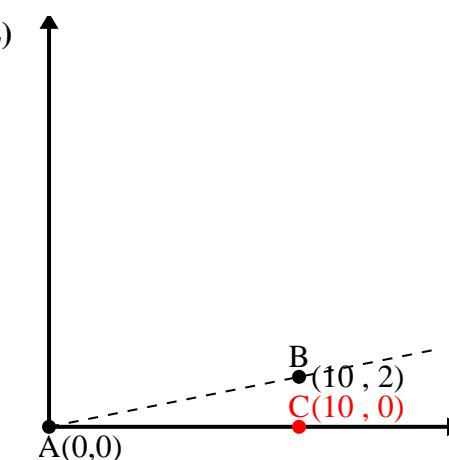
$$\overline{BC} \text{ length} = 9$$

$$(145 + 64 + 81) \div (2 \times 12.04 \times 8)$$

$$0.66$$

$$\cos^{-1}(0.66)$$

$$48.37^\circ$$



$$\overline{AB} \text{ length} = 10.2$$

$$\overline{AC} \text{ length} = 10$$

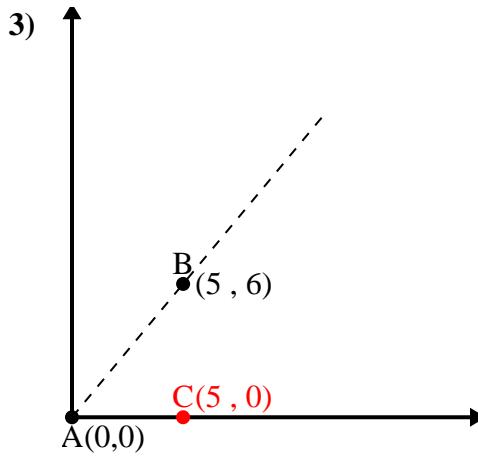
$$\overline{BC} \text{ length} = 2$$

$$(104 + 100 + 4) \div (2 \times 10.2 \times 10)$$

$$0.98$$

$$\cos^{-1}(0.98)$$

$$11.31^\circ$$



$$\overline{AB} \text{ length} = 7.81$$

$$\overline{AC} \text{ length} = 5$$

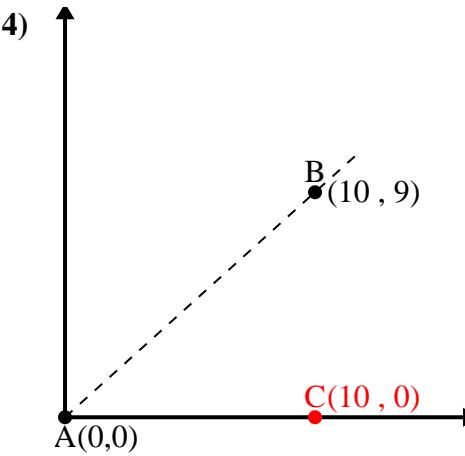
$$\overline{BC} \text{ length} = 6$$

$$(61 + 25 + 36) \div (2 \times 7.81 \times 5)$$

$$0.64$$

$$\cos^{-1}(0.64)$$

$$50.19^\circ$$



$$\overline{AB} \text{ length} = 13.45$$

$$\overline{AC} \text{ length} = 10$$

$$\overline{BC} \text{ length} = 9$$

$$(181 + 100 + 81) \div (2 \times 13.45 \times 10)$$

$$0.74$$

$$\cos^{-1}(0.74)$$

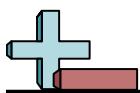
$$41.99^\circ$$

1. **48.37°**

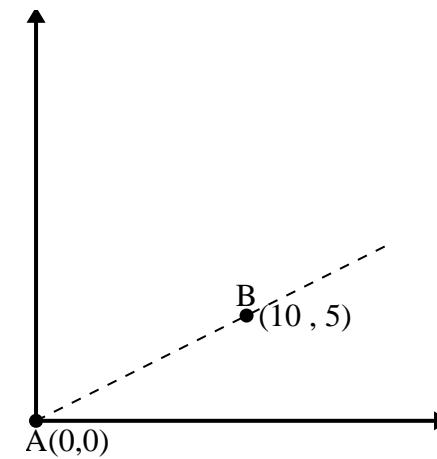
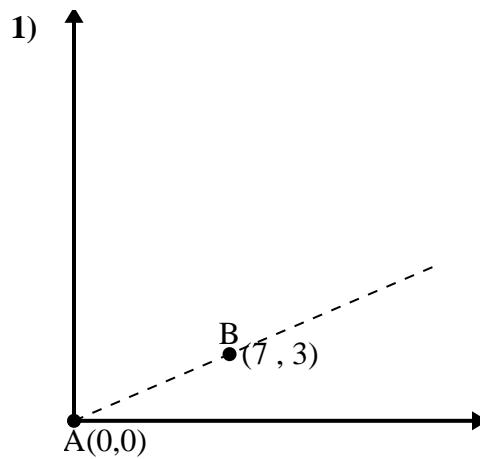
2. **11.31°**

3. **50.19°**

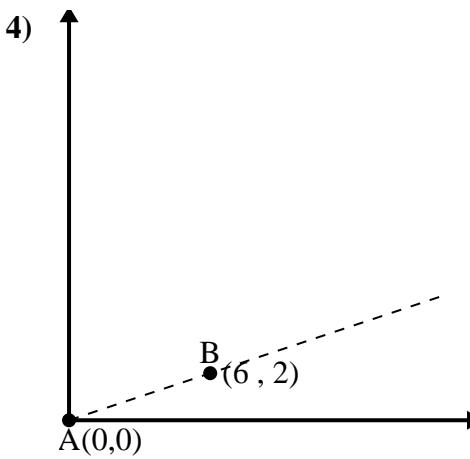
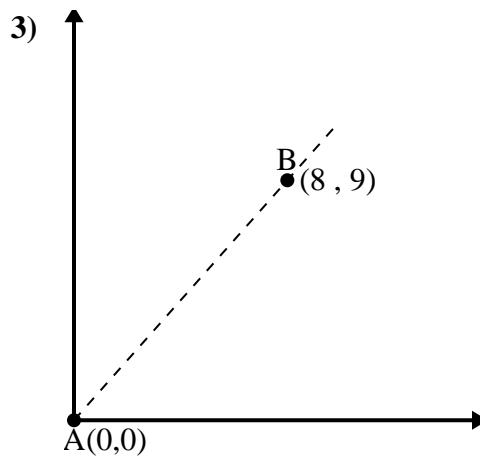
4. **41.99°**

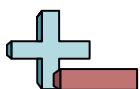


Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

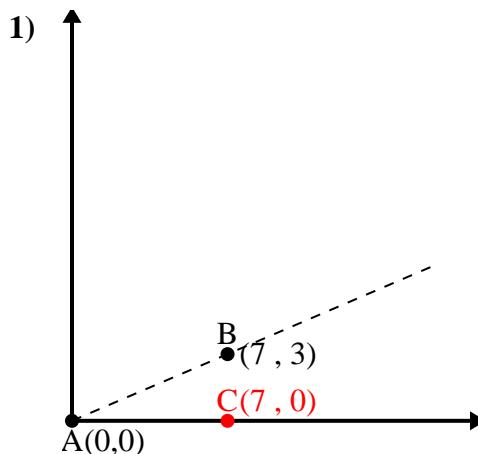
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 7.62$$

$$\overline{AC} \text{ length} = 7$$

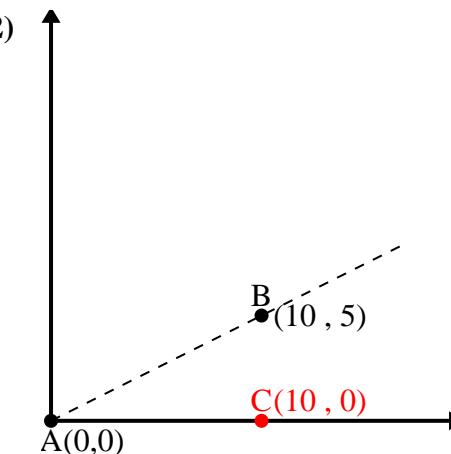
$$\overline{BC} \text{ length} = 3$$

$$(58 + 49 + 9) \div (2 \times 7.62 \times 7)$$

$$0.92$$

$$\cos^{-1}(0.92)$$

$$23.2^\circ$$



$$\overline{AB} \text{ length} = 11.18$$

$$\overline{AC} \text{ length} = 10$$

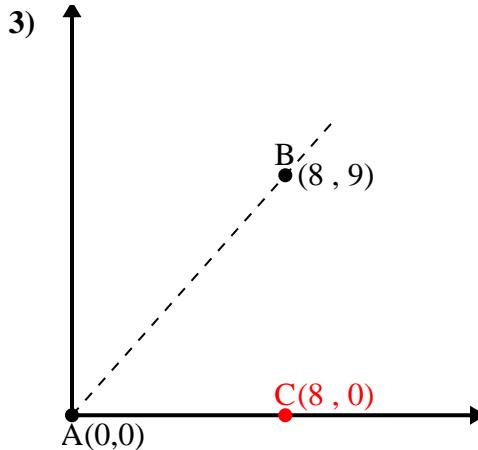
$$\overline{BC} \text{ length} = 5$$

$$(125 + 100 + 25) \div (2 \times 11.18 \times 10)$$

$$0.89$$

$$\cos^{-1}(0.89)$$

$$26.57^\circ$$



$$\overline{AB} \text{ length} = 12.04$$

$$\overline{AC} \text{ length} = 8$$

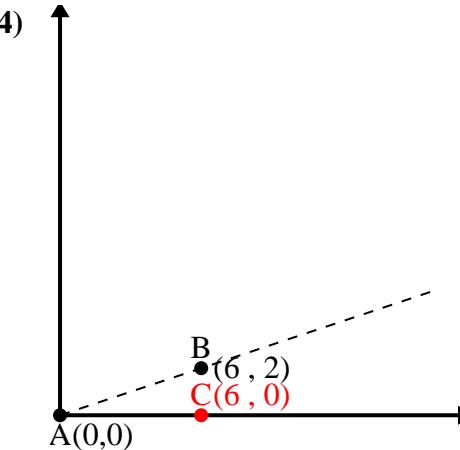
$$\overline{BC} \text{ length} = 9$$

$$(145 + 64 + 81) \div (2 \times 12.04 \times 8)$$

$$0.66$$

$$\cos^{-1}(0.66)$$

$$48.37^\circ$$



$$\overline{AB} \text{ length} = 6.32$$

$$\overline{AC} \text{ length} = 6$$

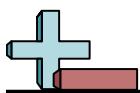
$$\overline{BC} \text{ length} = 2$$

$$(40 + 36 + 4) \div (2 \times 6.32 \times 6)$$

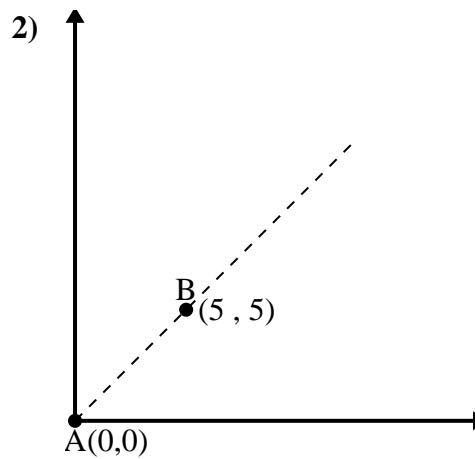
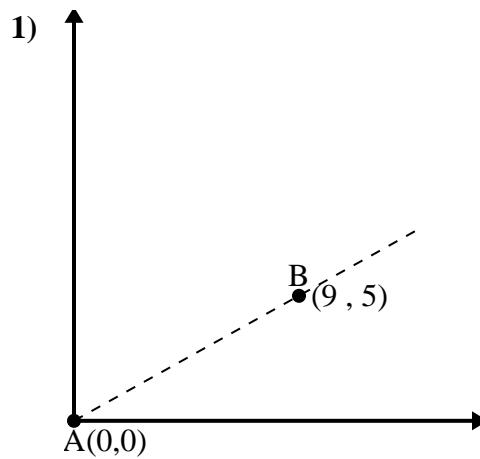
$$0.95$$

$$\cos^{-1}(0.95)$$

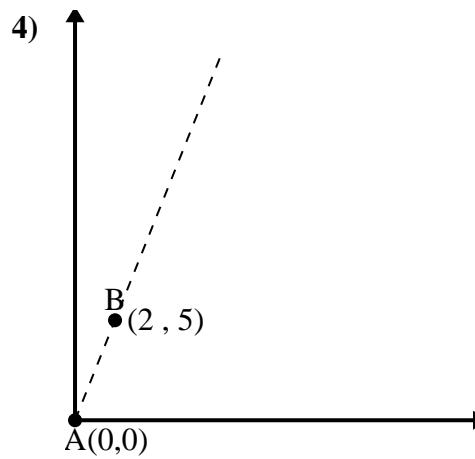
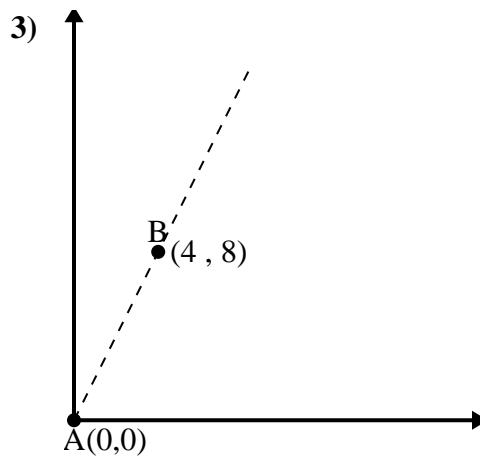
$$18.43^\circ$$



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

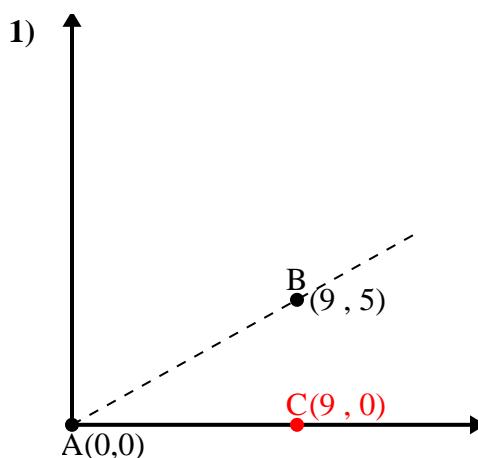
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 10.3$$

$$\overline{AC} \text{ length} = 9$$

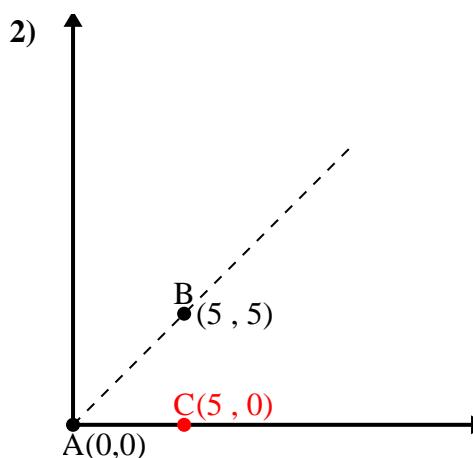
$$\overline{BC} \text{ length} = 5$$

$$(106 + 81 + 25) \div (2 \times 10.3 \times 9)$$

$$0.87$$

$$\cos^{-1}(0.87)$$

$$29.05^\circ$$



$$\overline{AB} \text{ length} = 7.07$$

$$\overline{AC} \text{ length} = 5$$

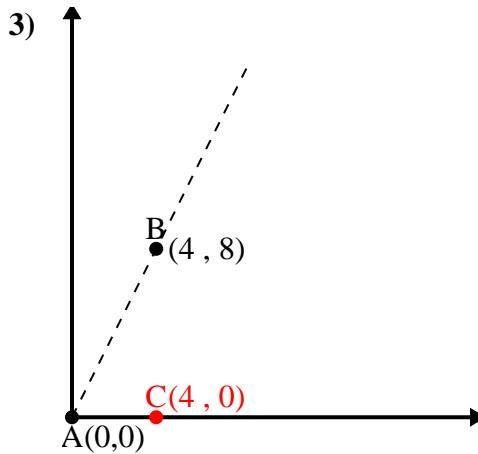
$$\overline{BC} \text{ length} = 5$$

$$(50 + 25 + 25) \div (2 \times 7.07 \times 5)$$

$$0.71$$

$$\cos^{-1}(0.71)$$

$$45^\circ$$



$$\overline{AB} \text{ length} = 8.94$$

$$\overline{AC} \text{ length} = 4$$

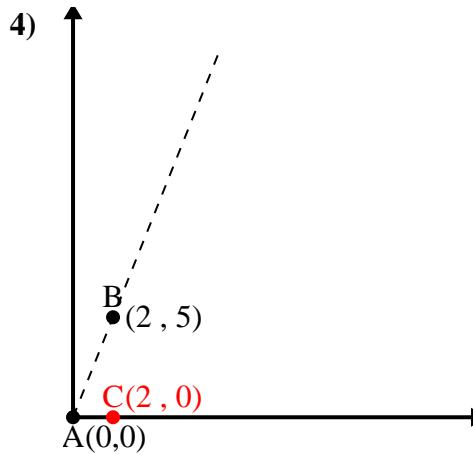
$$\overline{BC} \text{ length} = 8$$

$$(80 + 16 + 64) \div (2 \times 8.94 \times 4)$$

$$0.45$$

$$\cos^{-1}(0.45)$$

$$63.43^\circ$$



$$\overline{AB} \text{ length} = 5.39$$

$$\overline{AC} \text{ length} = 2$$

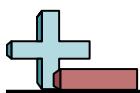
$$\overline{BC} \text{ length} = 5$$

$$(29 + 4 + 25) \div (2 \times 5.39 \times 2)$$

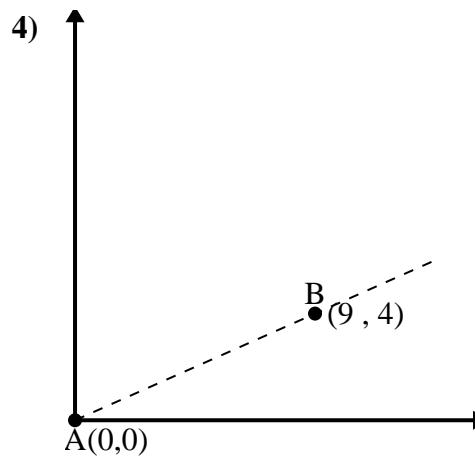
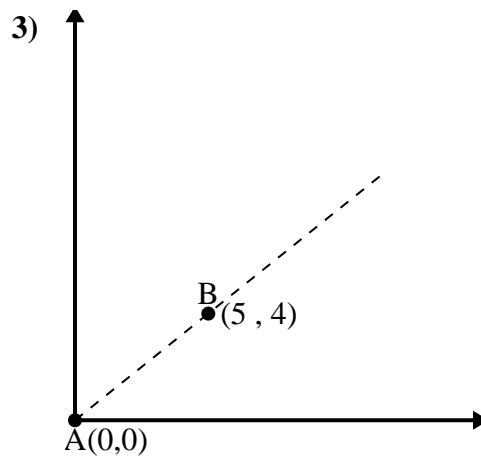
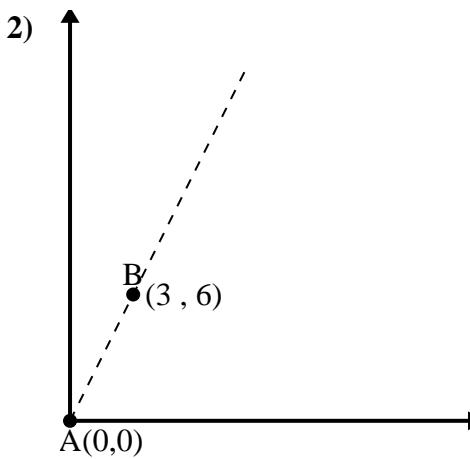
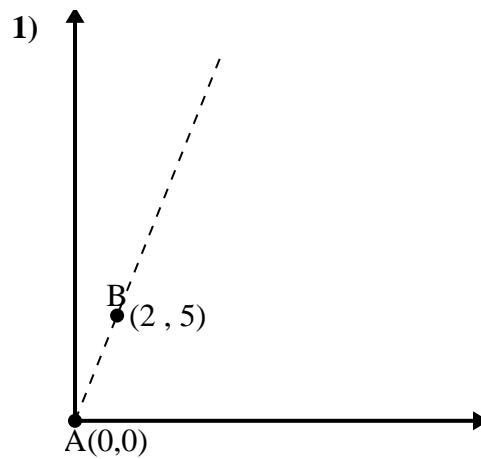
$$0.37$$

$$\cos^{-1}(0.37)$$

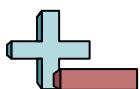
$$68.2^\circ$$



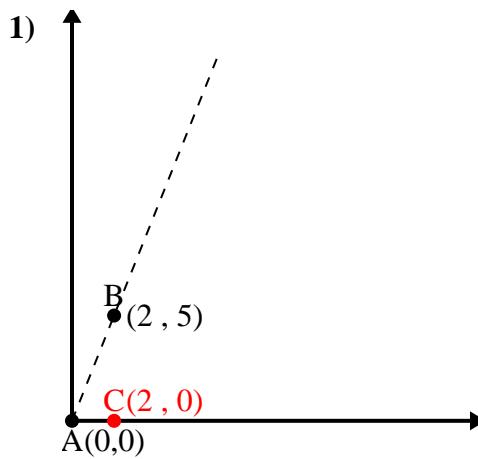
Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

1. _____
2. _____
3. _____
4. _____



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 5.39$$

$$\overline{AC} \text{ length} = 2$$

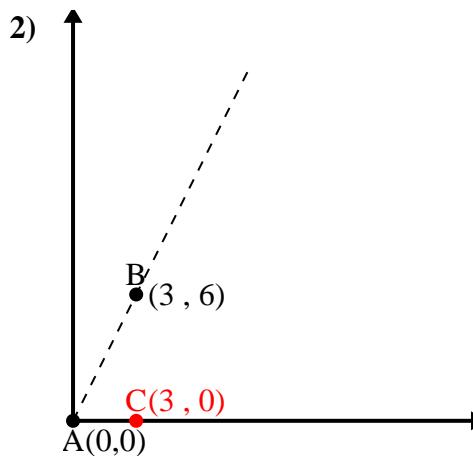
$$\overline{BC} \text{ length} = 5$$

$$(29 + 4 + 25) \div (2 \times 5.39 \times 2)$$

$$0.37$$

$$\cos^{-1}(0.37)$$

$$68.2^\circ$$



$$\overline{AB} \text{ length} = 6.71$$

$$\overline{AC} \text{ length} = 3$$

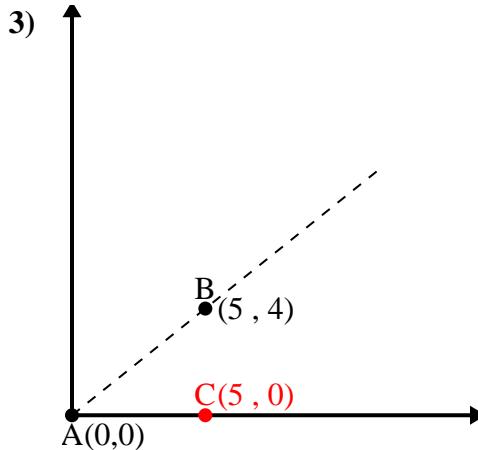
$$\overline{BC} \text{ length} = 6$$

$$(45 + 9 + 36) \div (2 \times 6.71 \times 3)$$

$$0.45$$

$$\cos^{-1}(0.45)$$

$$63.43^\circ$$



$$\overline{AB} \text{ length} = 6.4$$

$$\overline{AC} \text{ length} = 5$$

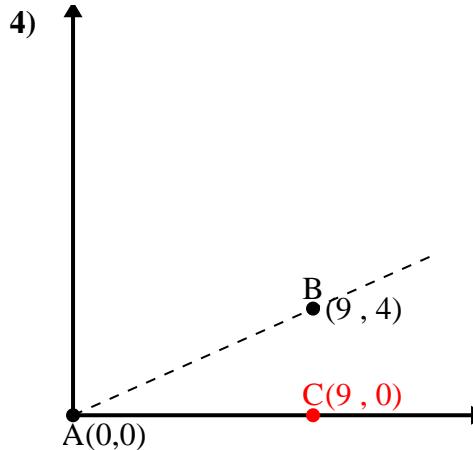
$$\overline{BC} \text{ length} = 4$$

$$(41 + 25 + 16) \div (2 \times 6.4 \times 5)$$

$$0.78$$

$$\cos^{-1}(0.78)$$

$$38.66^\circ$$



$$\overline{AB} \text{ length} = 9.85$$

$$\overline{AC} \text{ length} = 9$$

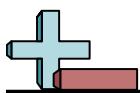
$$\overline{BC} \text{ length} = 4$$

$$(97 + 81 + 16) \div (2 \times 9.85 \times 9)$$

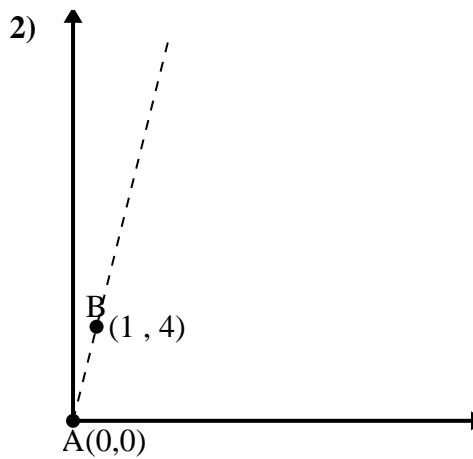
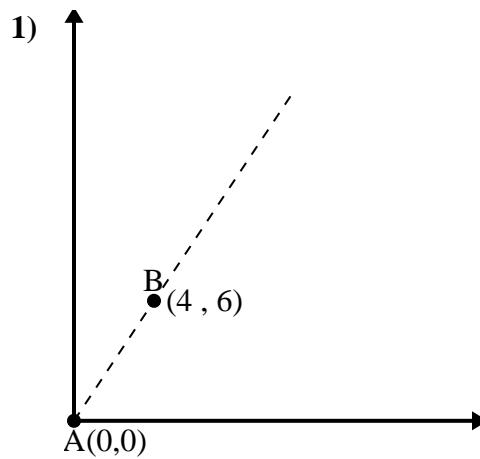
$$0.91$$

$$\cos^{-1}(0.91)$$

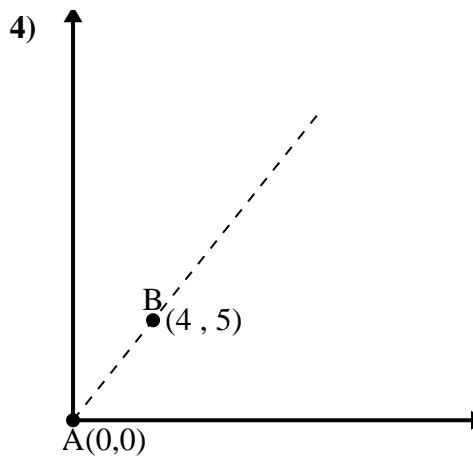
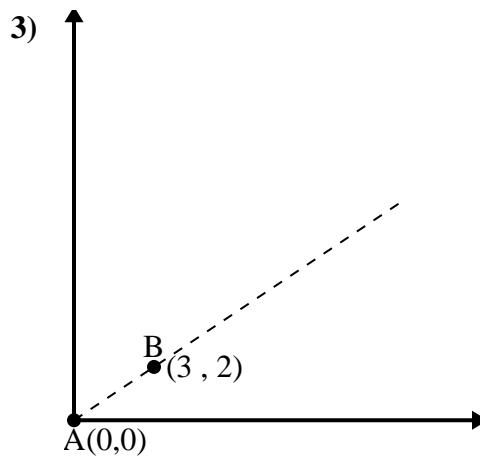
$$23.96^\circ$$



Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

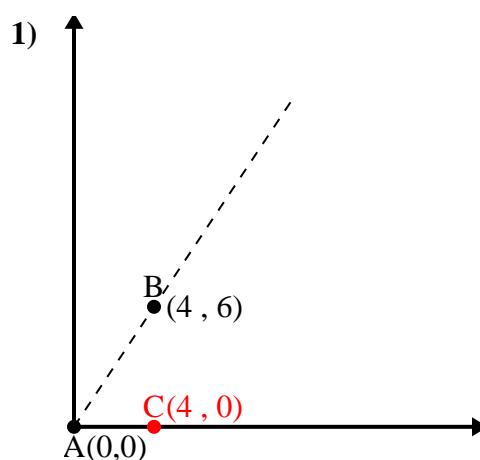
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 7.21$$

$$\overline{AC} \text{ length} = 4$$

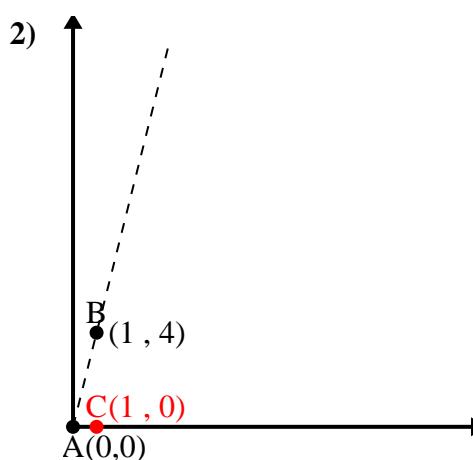
$$\overline{BC} \text{ length} = 6$$

$$(52 + 16 + 36) \div (2 \times 7.21 \times 4)$$

$$0.55$$

$$\cos^{-1}(0.55)$$

$$56.31^\circ$$



$$\overline{AB} \text{ length} = 4.12$$

$$\overline{AC} \text{ length} = 1$$

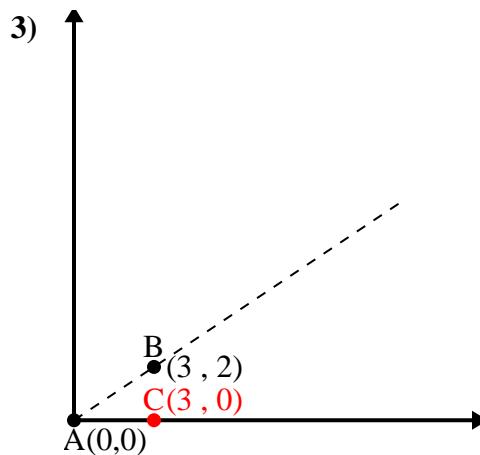
$$\overline{BC} \text{ length} = 4$$

$$(17 + 1 + 16) \div (2 \times 4.12 \times 1)$$

$$0.24$$

$$\cos^{-1}(0.24)$$

$$75.96^\circ$$



$$\overline{AB} \text{ length} = 3.61$$

$$\overline{AC} \text{ length} = 3$$

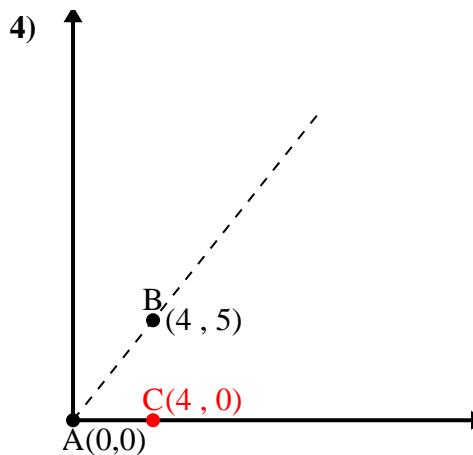
$$\overline{BC} \text{ length} = 2$$

$$(13 + 9 + 4) \div (2 \times 3.61 \times 3)$$

$$0.83$$

$$\cos^{-1}(0.83)$$

$$33.69^\circ$$



$$\overline{AB} \text{ length} = 6.4$$

$$\overline{AC} \text{ length} = 4$$

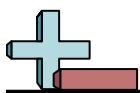
$$\overline{BC} \text{ length} = 5$$

$$(41 + 16 + 25) \div (2 \times 6.4 \times 4)$$

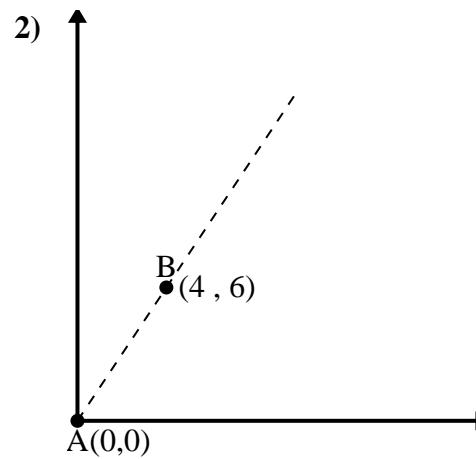
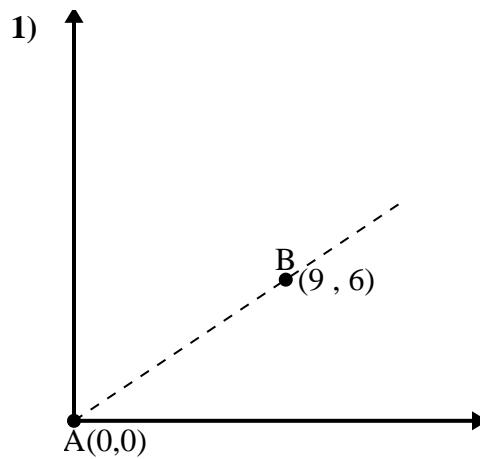
$$0.62$$

$$\cos^{-1}(0.62)$$

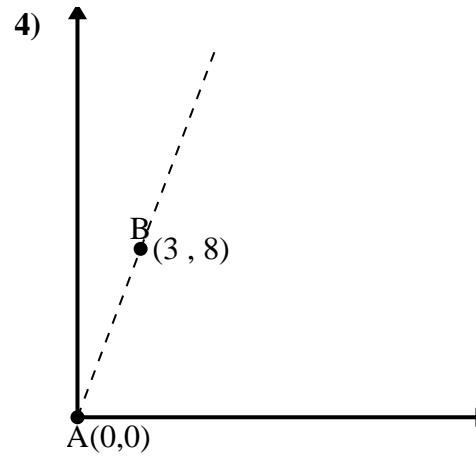
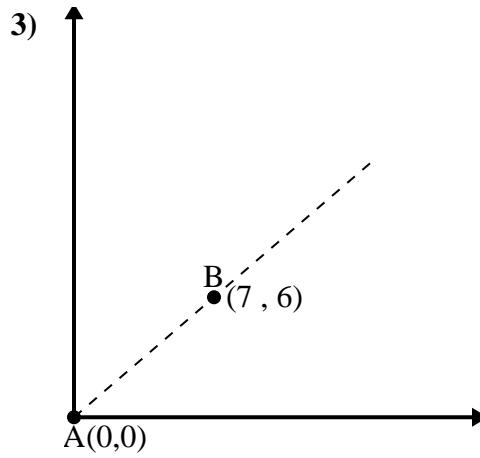
$$51.34^\circ$$

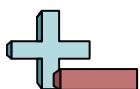


Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

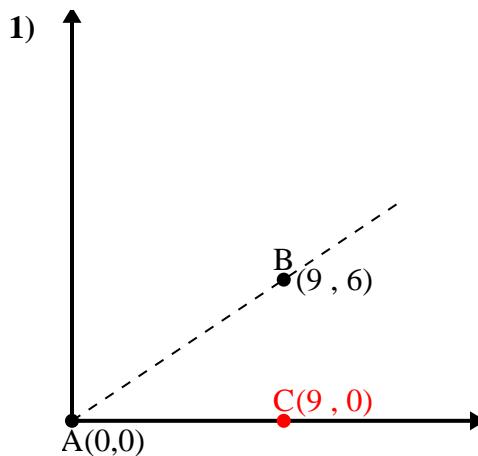
Respuestas

1. _____
2. _____
3. _____
4. _____





Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

$$\overline{AB} \text{ length} = 10.82$$

$$\overline{AC} \text{ length} = 9$$

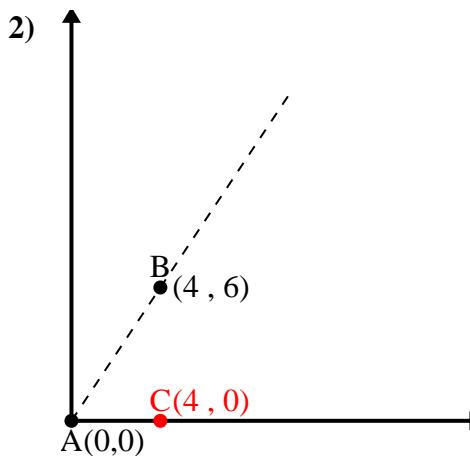
$$\overline{BC} \text{ length} = 6$$

$$(117 + 81 + 36) \div (2 \times 10.82 \times 9)$$

$$0.83$$

$$\cos^{-1}(0.83)$$

$$33.69^\circ$$



$$\overline{AB} \text{ length} = 7.21$$

$$\overline{AC} \text{ length} = 4$$

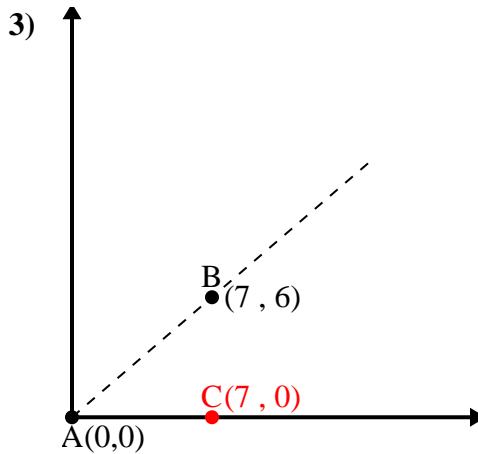
$$\overline{BC} \text{ length} = 6$$

$$(52 + 16 + 36) \div (2 \times 7.21 \times 4)$$

$$0.55$$

$$\cos^{-1}(0.55)$$

$$56.31^\circ$$



$$\overline{AB} \text{ length} = 9.22$$

$$\overline{AC} \text{ length} = 7$$

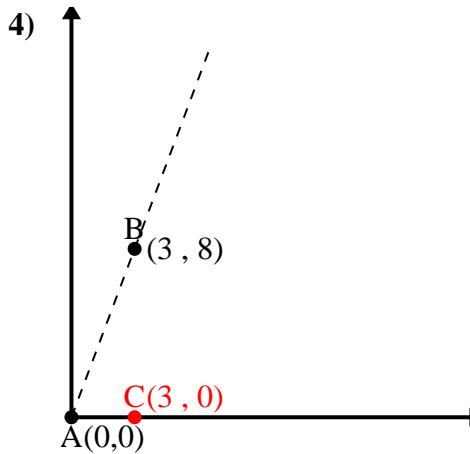
$$\overline{BC} \text{ length} = 6$$

$$(85 + 49 + 36) \div (2 \times 9.22 \times 7)$$

$$0.76$$

$$\cos^{-1}(0.76)$$

$$40.6^\circ$$



$$\overline{AB} \text{ length} = 8.54$$

$$\overline{AC} \text{ length} = 3$$

$$\overline{BC} \text{ length} = 8$$

$$(73 + 9 + 64) \div (2 \times 8.54 \times 3)$$

$$0.35$$

$$\cos^{-1}(0.35)$$

$$69.44^\circ$$

1. **33.69°**

2. **56.31°**

3. **40.6°**

4. **69.44°**