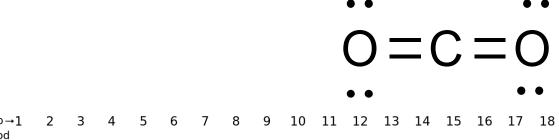
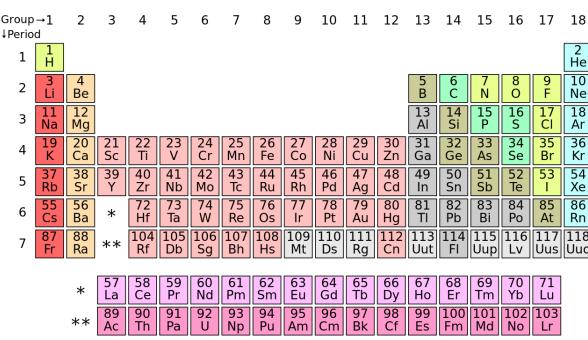
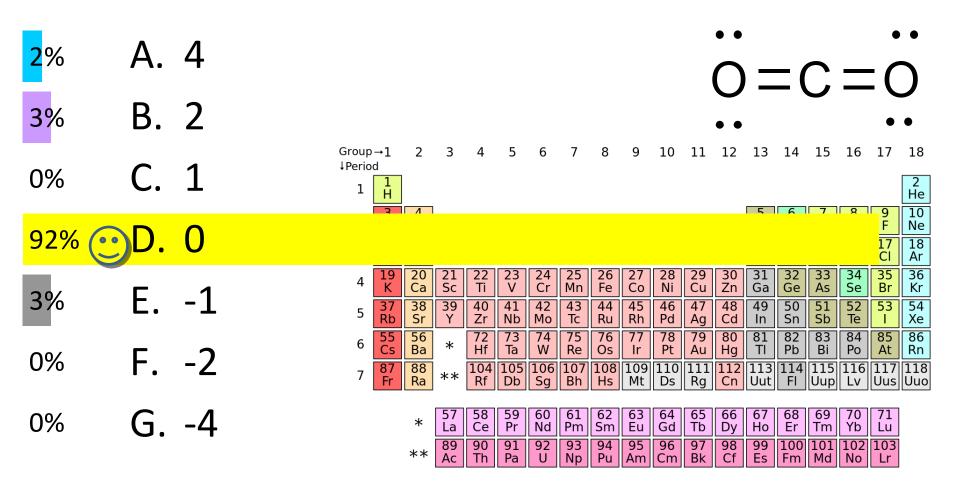
Which is the correct FC for C in CO₂?

- F. -2 G. -4





Which is the correct FC for C in CO₂?



An equatorial lone pair repels _____ bonding electron pairs strongly.

- 1. 1
- 2. 2
- 3. 3
- 4. 4
- 5. 5
- 6. 0

An equatorial lone pair repels _____ bonding electron pairs strongly.

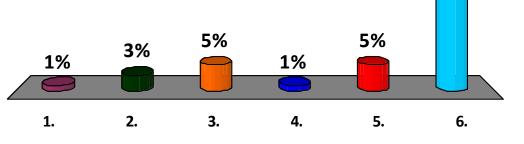


What is the bond angle in a AX₂E molecule?

- 1. 90°
- 2. 109.5°
- 3. 120°
- 4. Less than 90°
- 5. Less than 109.5°
- 6. Less than 120°

What is the bond angle in a AX₂E molecule?

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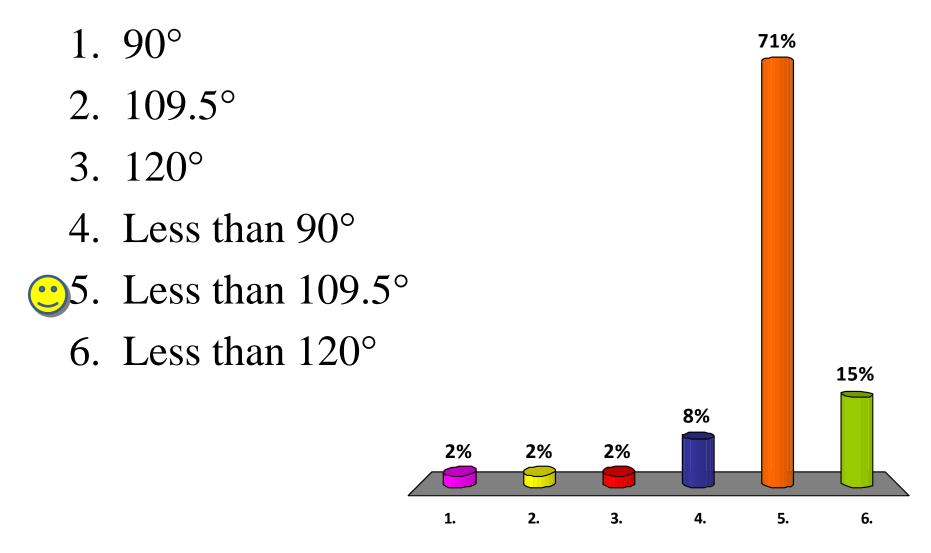


85%

What is the bond angle in a AX_2E_2 molecule?

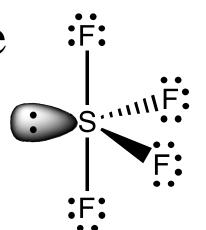
- 1. 90°
- 2. 109.5°
- 3. 120°
- 4. Less than 90°
- 5. Less than 109.5°
- 6. Less than 120°

What is the bond angle in a AX_2E_2 molecule?



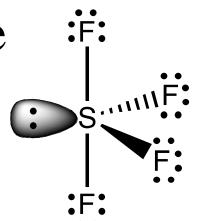
Which of the following are true about this structure?

- (a) Formula type is AX₄E and SN=5
- (b) Formula type is AX₄E and SN=4
- (c) Formula type is AX_4E_2 and SN=6
- (d) Geometry is trigonal pyramidal
- (e) Geometry is trigonal bipyramidal
- (f) Geometry is see-saw
 - 1. a and d
 - 2. a and e
 - 3. a and f
 - 4. b and d
 - 5. b and e
 - 6. b and f
 - 7. cand d
 - 8. cande
 - 9. c and f



Which of the following are true about this structure?

- (a) Formula type is AX₄E and SN=5
- (b) Formula type is AX₄E and SN=4
- (c) Formula type is AX_4E_2 and SN=6
- (d) Geometry is trigonal pyramidal
- (e) Geometry is trigonal bipyramidal
- (f) Geometry is see-saw
- 3% 1. a and d
- 4% 2. a and e
- 86% (2)3. a and f
- 2% 4. b and d
- % 5. b and e
- 2% 6. b and f
- % 8. c and e
- 1% 9. c and f



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