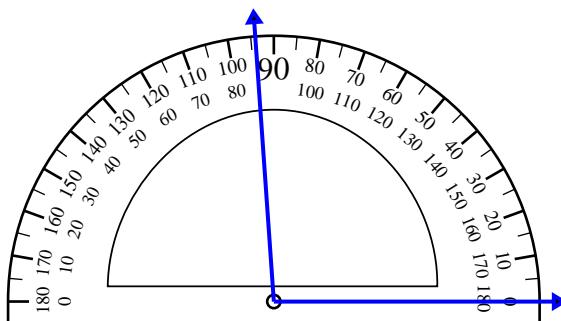


# Determining Angles with Protractors

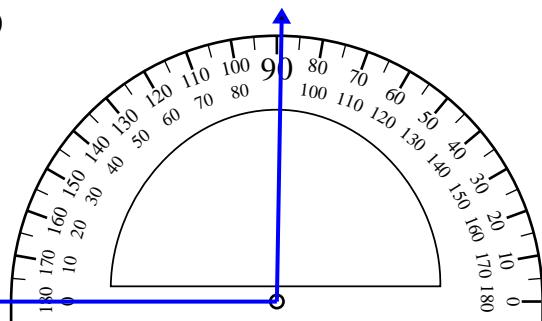
Name: \_\_\_\_\_

Use the protractor to determine each angle.

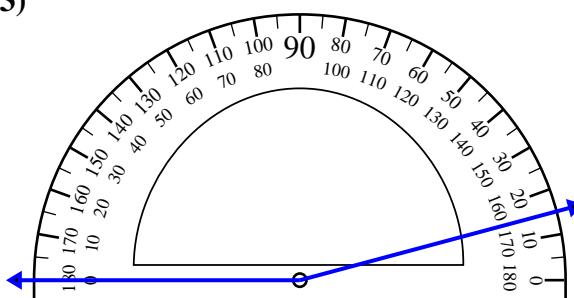
1)



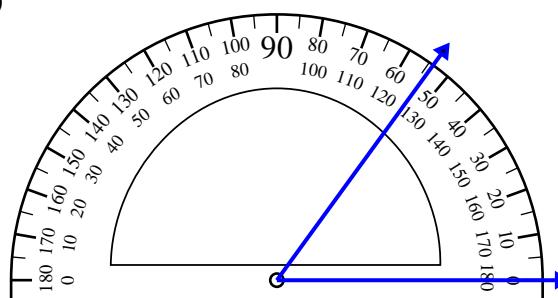
2)



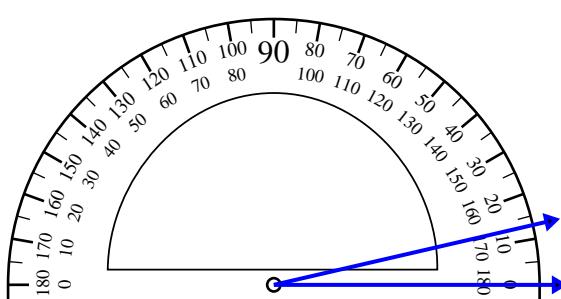
3)



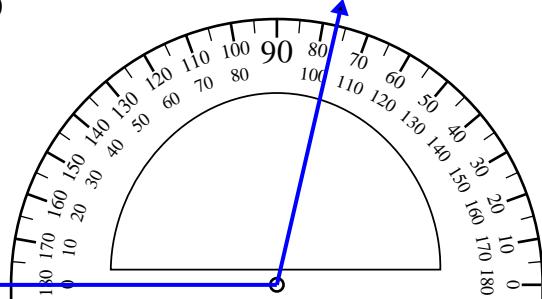
4)



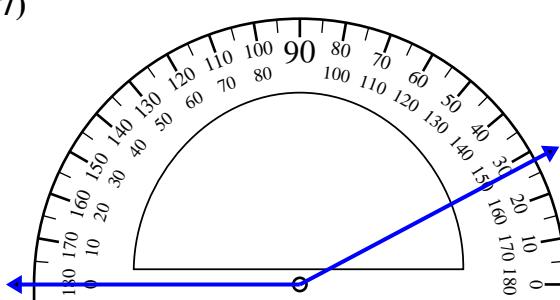
5)



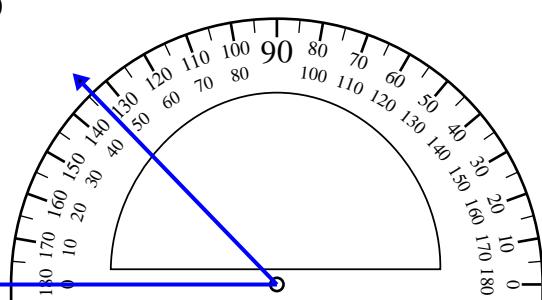
6)



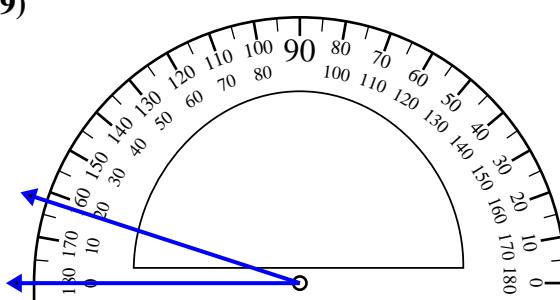
7)



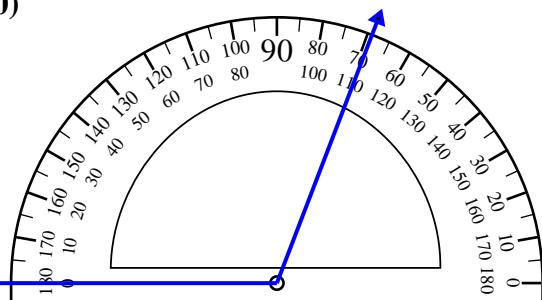
8)



9)

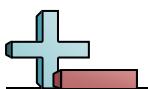


10)



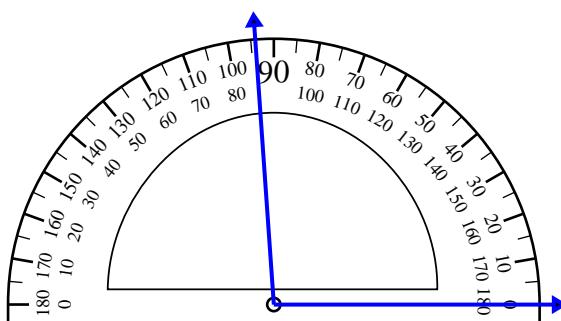
## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

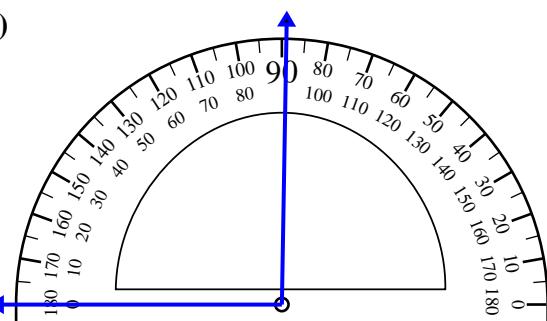


Use the protractor to determine each angle.

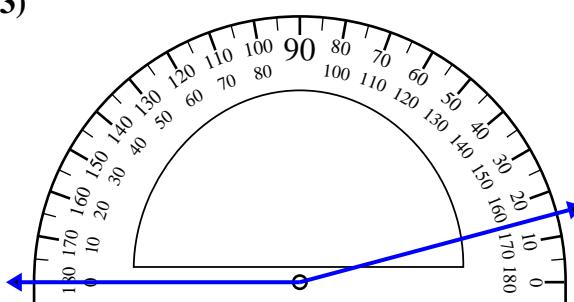
1)



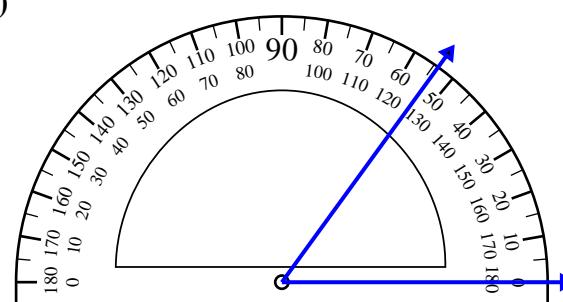
2)



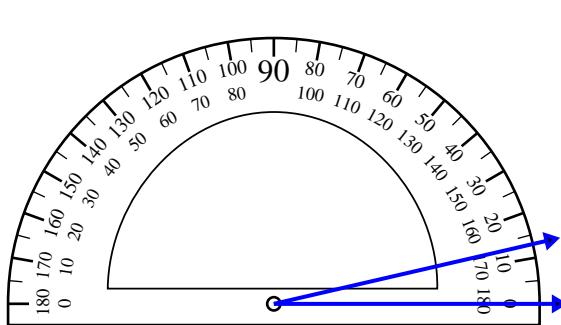
3)



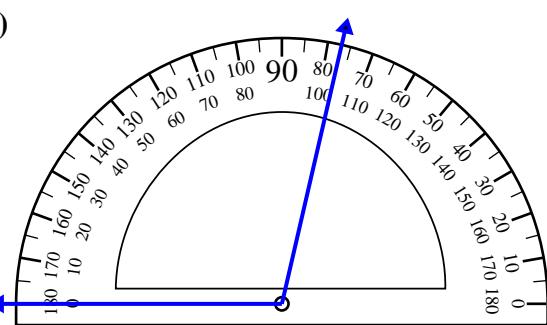
4)



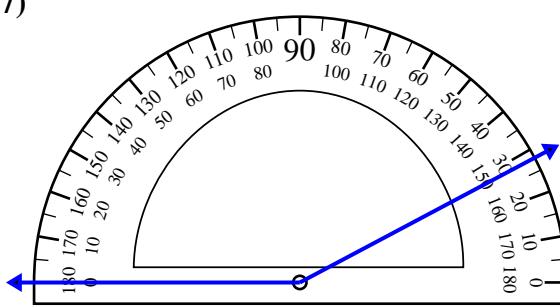
5)



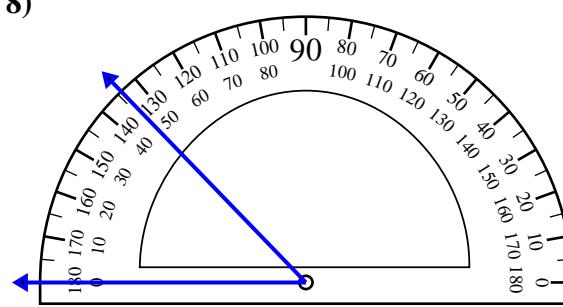
6)



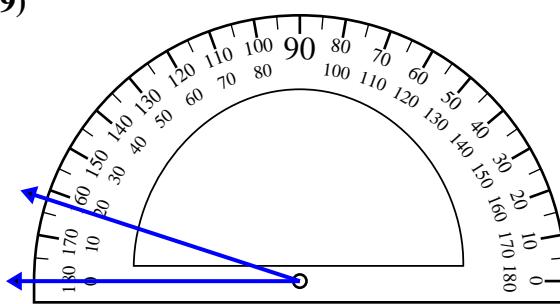
7)



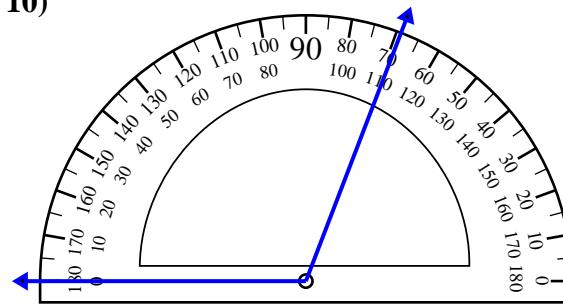
8)

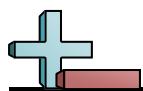


9)



10)

**Answers**1. **94°**2. **91°**3. **165°**4. **54°**5. **13°**6. **103°**7. **152°**8. **46°**9. **18°**10. **111°**

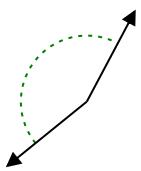


# Determining Angle Visually

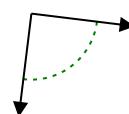
Name: \_\_\_\_\_

Determine if the angle shown is acute, obtuse, right or straight.

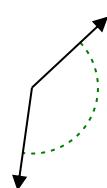
Ex)



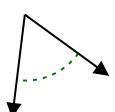
1)



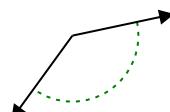
2)



3)



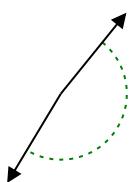
4)



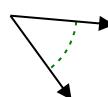
5)



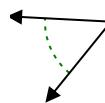
6)



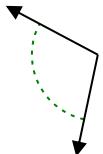
7)



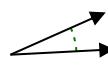
8)



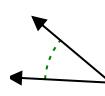
9)



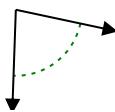
10)



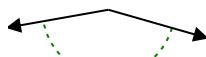
11)



12)



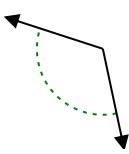
13)



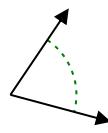
14)



15)



16)



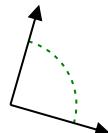
17)



18)



19)



20)



## Answers

Ex. obtuse

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

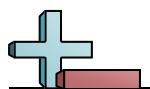
16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



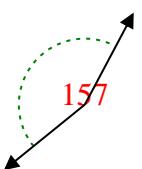
## Determining Angle Visually

Name:

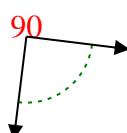
## Answer Key

Determine if the angle shown is acute, obtuse, right or straight.

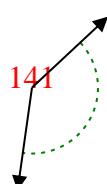
Ex)



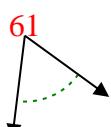
1)



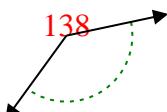
2)



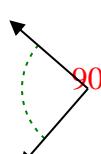
3)



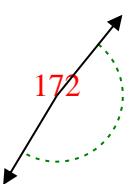
4)



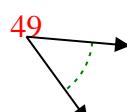
5)



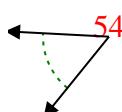
6)



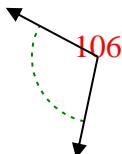
7)



8)



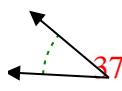
9)



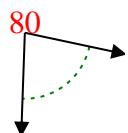
10)



11)



12)



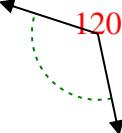
13)



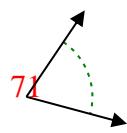
14)



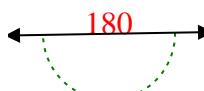
15)



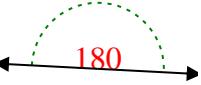
16)



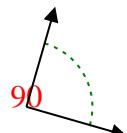
17)



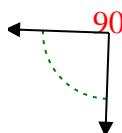
18)



19)



20)

Answers

Ex. obtuse

1. right

2. obtuse

3. acute

4. obtuse

5. right

6. obtuse

7. acute

8. acute

9. obtuse

10. acute

11. acute

12. acute

13. obtuse

14. right

15. obtuse

16. acute

17. straight

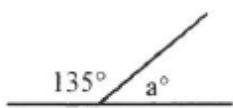
18. straight

19. right

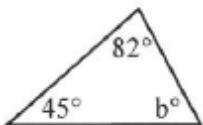
20. right

# Name the type of angle relationship and find the missing angle sizes.

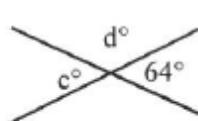
1).



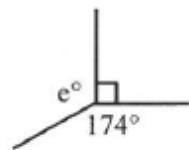
2).



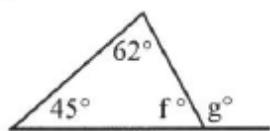
3).



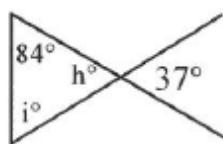
4).



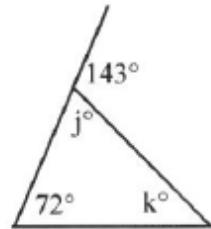
5).



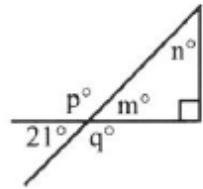
6).



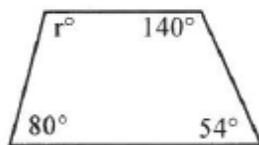
7).



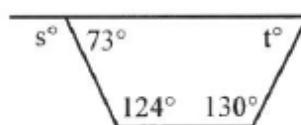
8).



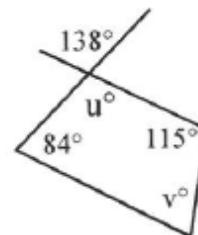
9).



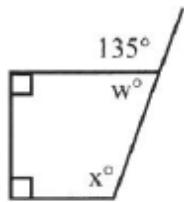
10).



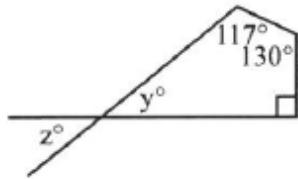
11).



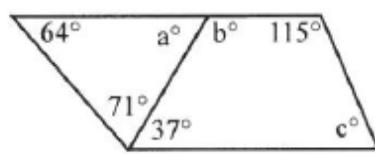
12).



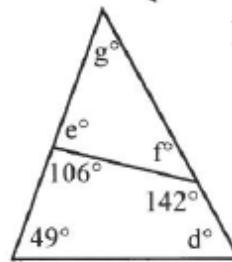
13).



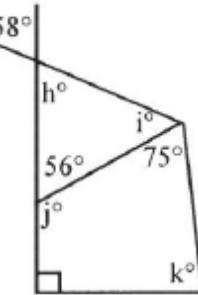
14).



15).



16).

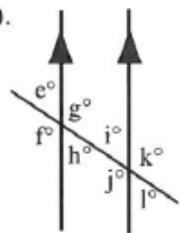


Copy each diagram into your book.

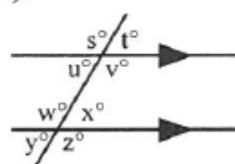
- In each diagram there are **two** pairs of alternate angles. Identify them.
- In each diagram there are **four** pairs of corresponding angles. Identify them.



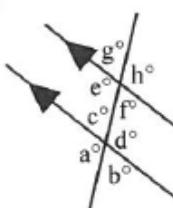
1).



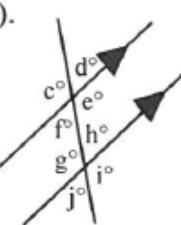
2).



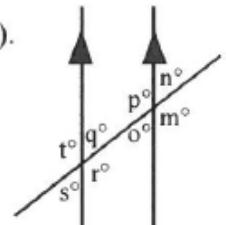
3).



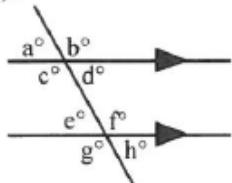
4).



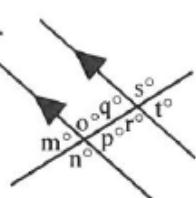
5).



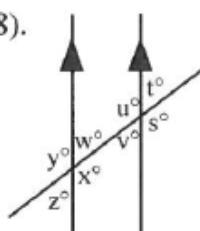
6).



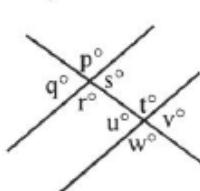
7).



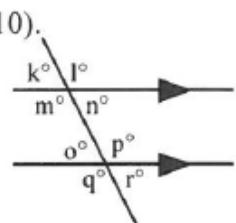
8).



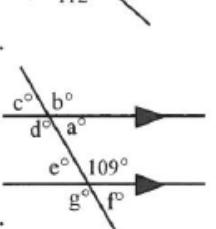
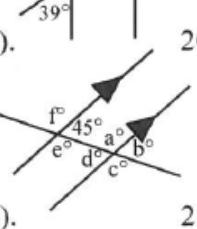
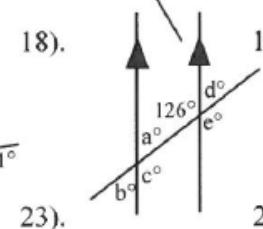
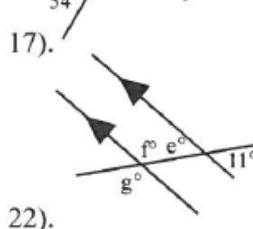
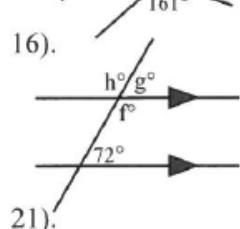
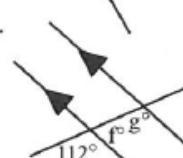
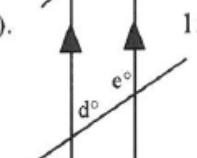
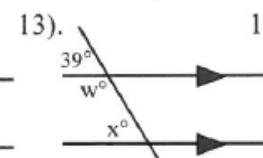
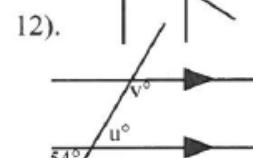
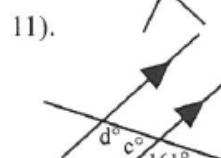
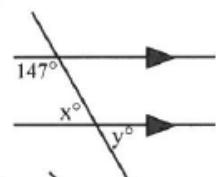
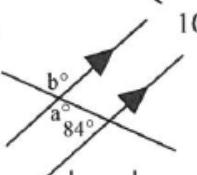
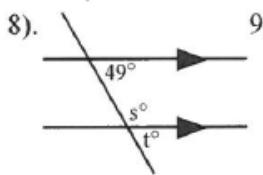
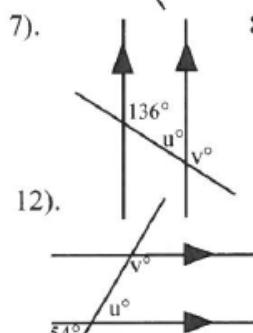
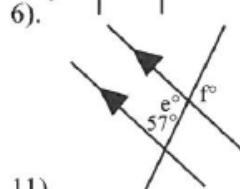
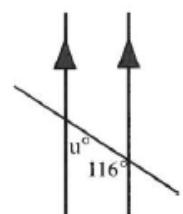
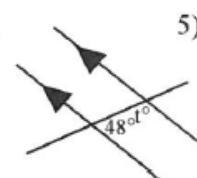
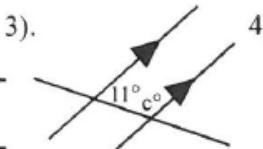
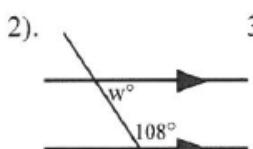
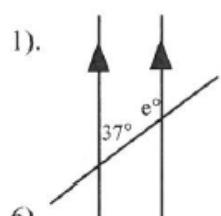
9).



10).



B). Find the value of the letters. Where there is more than one letter to find, write the missing letters in alphabetical order. Give a reason with the answer. (Diagrams are not drawn to scale).



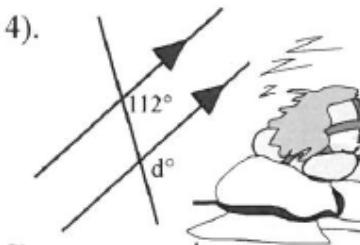
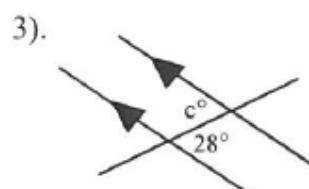
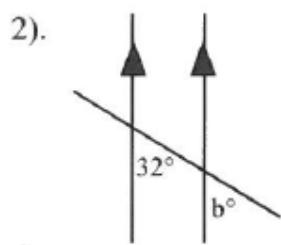
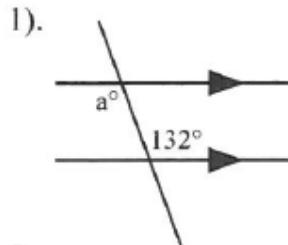
21).

22).

23).

24).

25).



5).

6).

7).

8).

9).

10).

11).

12).

13).

14).

15).

16).

