EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Angles

Grade : ICSE Grade VI

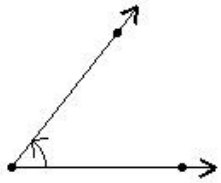
1. Find the supplementary angle of 56° 17' 6"

   (i) 123° 52' 54" (ii) 108° 32' 54" (iii) 123° 43' 4" (iv) 133° 42' 54" (v) 123° 42' 54"

2. The following angle represents

   (i) zero angle (ii) obtuse angle (iii) complete angle (iv) right angle (v) acute angle

3. The following angle represents



   (i) reflex angle (ii) obtuse angle (iii) acute angle (iv) right angle (v) complete angle

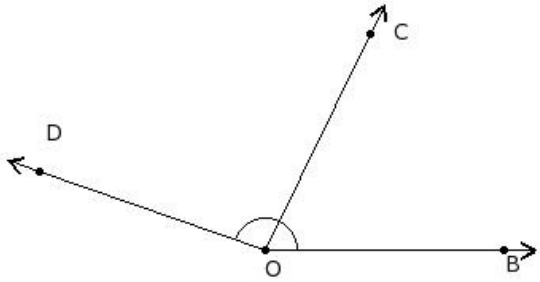
4. The complementary angle of 41° is

   (i) 54° (ii) 59° (iii) 79° (iv) 64° (v) 49°

5. Find the supplementary angles pair in the following

   (i) 179°,71° (ii) 129°,41° (iii) 169°,61° (iv) 149°,51° (v) 139°,41°

6. Which of the following are adjacent angles in the below figure?

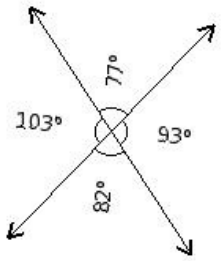


   (i) ∠DOB , ∠FOG (ii) ∠EOF , ∠COD (iii) ∠BOC , ∠COD (iv) ∠FOG , ∠COD (v) ∠COD , ∠EOF

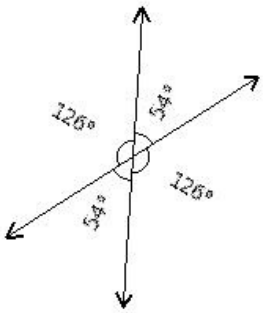
7. Subtract 33° 11' 22" from 49° 9' 44"

   (i) 48' 22" (ii) 15° 58' 32" (iii) 15° 58' 22" (iv) 16° 8' 22" (v) 25° 58' 22"

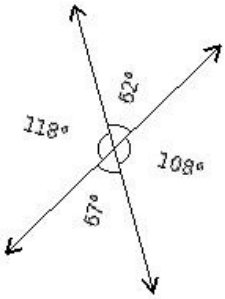
8. Which of the given figures is correct?



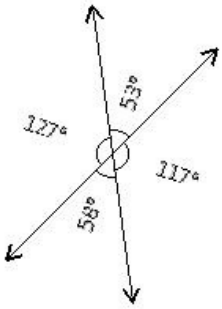
I



II



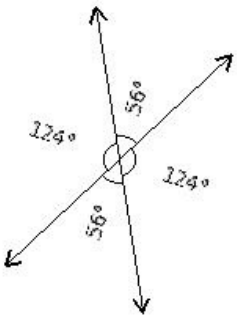
III



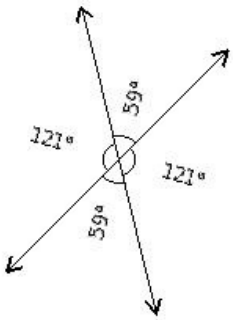
IV

(i) IV (ii) II (iii) I (iv) III

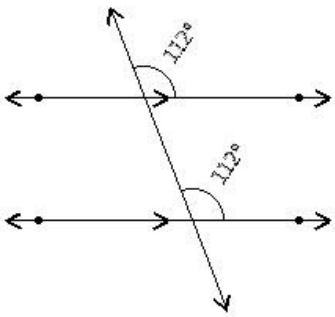
9. Which of the given figures is wrong?



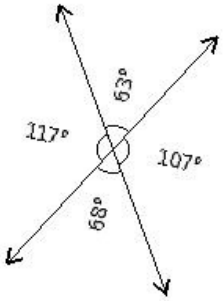
I



II



III



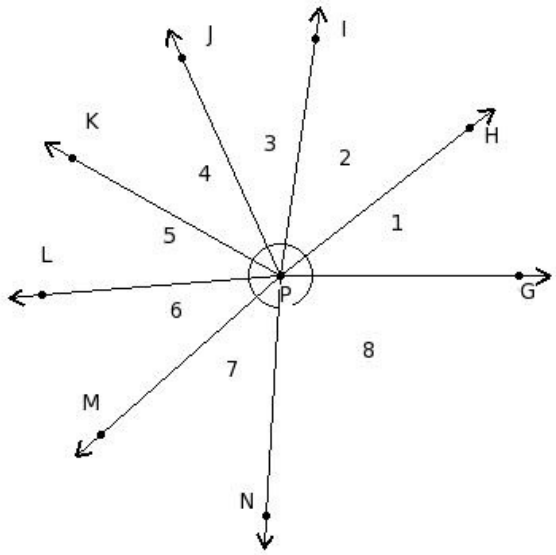
IV

(i) IV (ii) II (iii) III (iv) I

10. Which of the following is an obtuse angle?

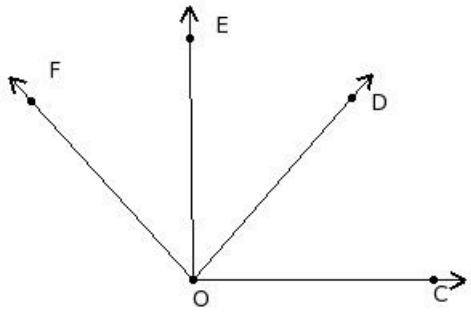
(i) 57° (ii) 0° (iii) 122° (iv) 192° (v) 90°

11. The name of angle 7 in the given figure is



(i) ∠JPK (ii) ∠NPG (iii) ∠IPJ (iv) ∠GPH (v) ∠MPN

12. Which of the following is the largest angle in the given figure?

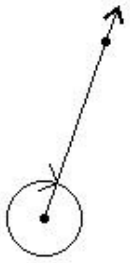


(i) ∠COD (ii) ∠COF (iii) ∠COE (iv) ∠DOF (v) ∠DOE

13. Find the complementary angle of 55° 6' 16"

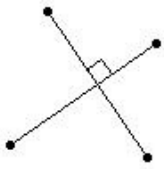
(i) 35° 3' 44" (ii) 34° 53' 54" (iii) 19° 43' 44" (iv) 44° 53' 44" (v) 34° 53' 44"

14. The following angle represents



(i) zero angle (ii) complete angle (iii) right angle (iv) acute angle (v) obtuse angle

15. The following lines represent



(i) concurrent lines (ii) parallel lines (iii) perpendicular lines (iv) intersecting lines (v) coplanar lines

16. Which of the following is a straight angle?

(i) 153° (ii) 0° (iii) 360° (iv) 180° (v) 90°

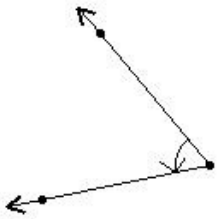
17. The following lines represent

(i) concurrent lines (ii) intersecting lines (iii) perpendicular lines (iv) coplanar lines (v) parallel lines

18. Which of the following is a right angle?

(i) 168° (ii) 276° (iii) 360° (iv) 180° (v) 90°

19. The following angle represents

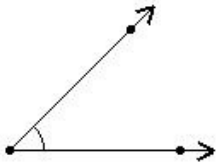


(i) obtuse angle (ii) acute angle (iii) zero angle (iv) complete angle (v) reflex angle

20. Which of the following is an acute angle?

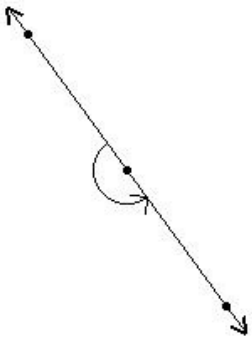
(i) 269° (ii) 23° (iii) 360° (iv) 180° (v) 145°

21. Identify the figure below



(i) hexagon (ii) circle (iii) angle (iv) triangle (v) nonagon

22. The following angle represents

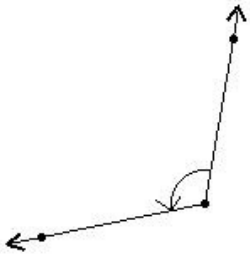


(i) complete angle (ii) straight angle (iii) right angle (iv) acute angle (v) zero angle

23. Find the complementary angles pair in the following

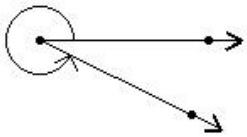
(i) 95°,45° (ii) 55°,25° (iii) 65°,25° (iv) 75°,35° (v) 105°,55°

24. The following angle represents



(i) zero angle (ii) straight angle (iii) complete angle (iv) obtuse angle (v) reflex angle

25. The following angle represents



(i) acute angle (ii) right angle (iii) reflex angle (iv) obtuse angle (v) straight angle

Assignment Key

1) (v)	2) (i)	3) (iii)	4) (v)	5) (v)	6) (iii)
7) (iii)	8) (ii)	9) (i)	10) (iii)	11) (v)	12) (ii)
13) (v)	14) (ii)	15) (iii)	16) (iv)	17) (ii)	18) (v)
19) (ii)	20) (ii)	21) (iii)	22) (ii)	23) (iii)	24) (iv)
25) (iii)					