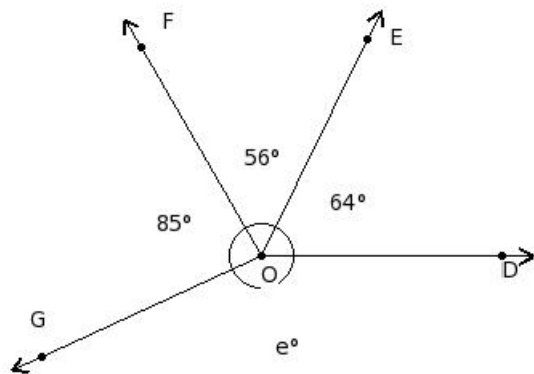


EduSahara™ Learning Center Assignment**Grade : Class VI, ICSE****Chapter : Angles****Name : Angle Value Problems****Licensed To : Teachers and Students for non-commercial use**

-
1. Find the value of 'e' in the following figure



- (i) 170° (ii) 160° (iii) 185° (iv) 155° (v) 165°

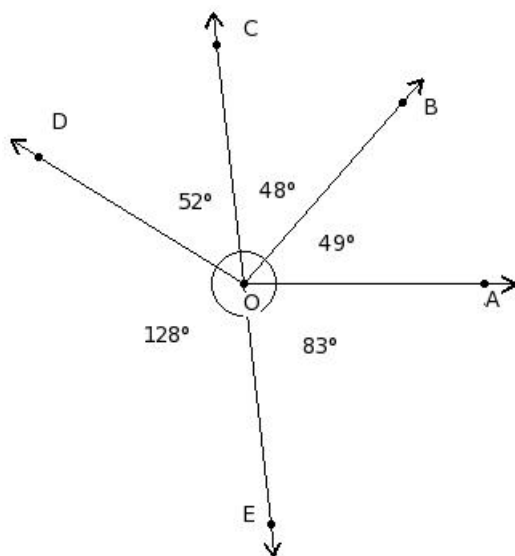
-
2. The complementary angle of 21° is

- (i) 69° (ii) 99° (iii) 79° (iv) 84° (v) 74°

-
3. The supplementary angle of 50° is

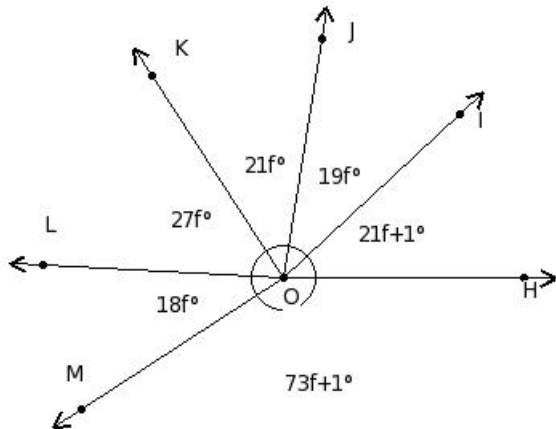
- (i) 145° (ii) 130° (iii) 140° (iv) 160° (v) 135°

-
4. Which of the following angles form a linear pair?



- (i) $(\angle COD, \angle DOE)$ (ii) $(\angle BOC, \angle COD)$
 (iii) $(\angle AOB, \angle BOC)$ (iv) $(\angle DOE, \angle EOA)$
-

5. Find the value of 'f' in the following figure



- (i) 4 (ii) 0 (iii) 2 (iv) 1 (v) 3
-

6. Which of the following is an acute angle?

- (i) 360° (ii) 90° (iii) 0° (iv) 115° (v) 86°
-

7. Which of the following is an obtuse angle?

- (i) 0° (ii) 155° (iii) 85° (iv) 180° (v) 360°
-

8. Which of the following is a right angle?

- (i) 0° (ii) 219° (iii) 70° (iv) 360° (v) 90°
-

9. Which of the following is a straight angle?

- (i) 180° (ii) 125° (iii) 90° (iv) 44° (v) 0°
-

10. Which of the following is a complete angle?

- (i) 90° (ii) 237° (iii) 360° (iv) 0° (v) 141°
-

11. Which of the following is a zero angle?

- (i) 90° (ii) 360° (iii) 0° (iv) 180° (v) 62°
-

12. Which of the following is a reflex angle?

- (i) 128° (ii) 0° (iii) 341° (iv) 180° (v) 360°
-

13. Add $41^\circ 59' 34''$ and $59^\circ 47' 27''$

- (i) $101^\circ 57' 1''$ (ii) $101^\circ 47' 11''$ (iii) $111^\circ 47' 1''$ (iv) $101^\circ 47' 1''$ (v) $86^\circ 37' 1''$
-

14. Subtract $5^{\circ} 47' 40''$ from $32^{\circ} 57' 36''$

(i) $27^{\circ} 19' 56''$ (ii) $11^{\circ} 59' 56''$ (iii) $37^{\circ} 9' 56''$ (iv) $27^{\circ} 10' 6''$ (v) $27^{\circ} 9' 56''$

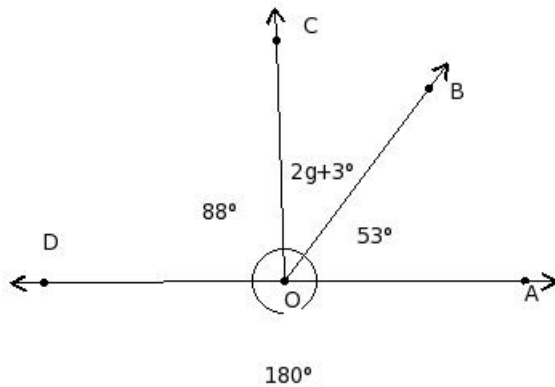
15. Find the complementary angle of $47^{\circ} 1' 45''$

(i) $42^{\circ} 58' 25''$ (ii) $27^{\circ} 48' 15''$ (iii) $42^{\circ} 58' 15''$ (iv) $43^{\circ} 8' 15''$
(v) $52^{\circ} 58' 15''$

16. Find the supplementary angle of $63^{\circ} 17' 42''$

(i) $116^{\circ} 52' 18''$ (ii) $101^{\circ} 32' 18''$ (iii) $116^{\circ} 42' 18''$ (iv) $126^{\circ} 42' 18''$
(v) $116^{\circ} 42' 28''$

17. Find the value of g in the figure below



(i) 18 (ii) 20 (iii) 17 (iv) 19 (v) 15

Assignment Key

- 1) (iv)
- 2) (i)
- 3) (ii)
- 4) (i)
- 5) (iii)
- 6) (v)
- 7) (ii)
- 8) (v)
- 9) (i)
- 10) (iii)
- 11) (iii)
- 12) (iii)
- 13) (iv)
- 14) (v)
- 15) (iii)
- 16) (iii)
- 17) (i)