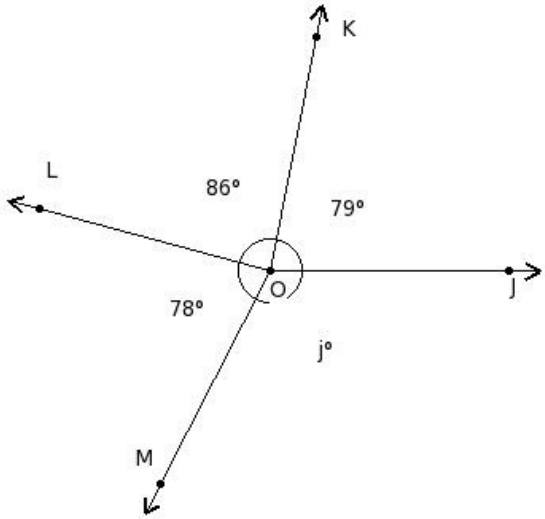
EduSahara™ Assignment

Name : Angle Value Problems

Chapter : Angles

Grade : ICSE Grade VI

1. Find the value of 'j' in the following figure



(i) 132° (ii) 127° (iii) 122° (iv) 147° (v) 117°

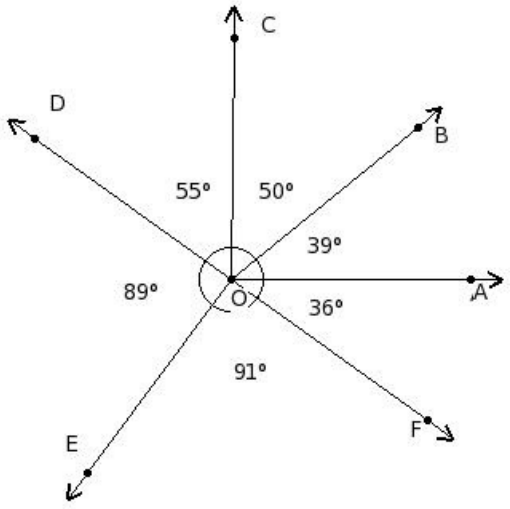
2. The complementary angle of 46° is

(i) 54° (ii) 44° (iii) 74° (iv) 49° (v) 59°

3. The supplementary angle of 49° is

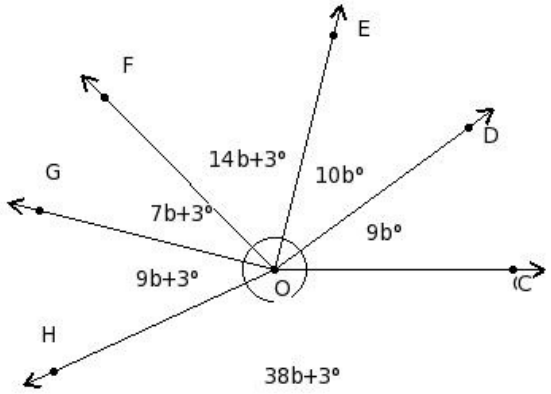
(i) 141° (ii) 131° (iii) 136° (iv) 161° (v) 146°

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



(i) (∠DOE,∠EOF) (ii) (∠BOC,∠COD) (iii) (∠EOF,∠FOA) (iv) (∠COD,∠DOE) (v) (∠AOB,∠BOC)

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



(i) 7 (ii) 3 (iii) 4 (iv) 5 (v) 1

6. Which of the following is an acute angle?

(i) 41° (ii) 180° (iii) 360° (iv) 0° (v) 336°

7. Which of the following is an obtuse angle?

(i) 197° (ii) 0° (iii) 109° (iv) 360° (v) 67°

8. Which of the following is a right angle?

(i) 180° (ii) 75° (iii) 139° (iv) 0° (v) 90°

9. Which of the following is a straight angle?

(i) 360° (ii) 78° (iii) 324° (iv) 90° (v) 180°

10. Which of the following is a complete angle?

(i) 360° (ii) 0° (iii) 130° (iv) 327° (v) 71°

11. Which of the following is a zero angle?

(i) 126° (ii) 27° (iii) 0° (iv) 90° (v) 360°

12. Which of the following is a reflex angle?

(i) 275° (ii) 85° (iii) 360° (iv) 180° (v) 0°

13. Add 32° 46' 15" and 8° 42"

(i) 40° 56' 57" (ii) 50° 46' 57" (iii) 25° 36' 57" (iv) 40° 46' 57" (v) 40° 47' 7"

14. Subtract 30° 54' 21" from 55° 39' 23"

(i) 9° 35' 2" (ii) 34° 45' 2" (iii) 24° 45' 2" (iv) 24° 55' 2" (v) 24° 45' 12"

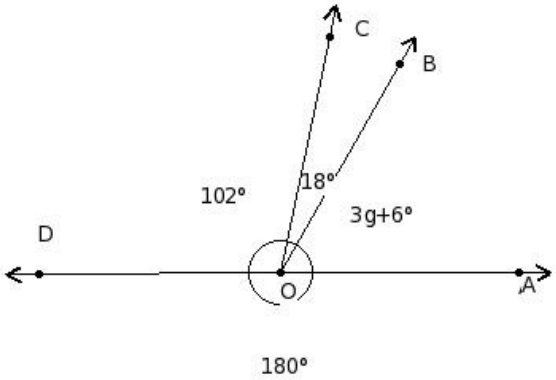
15. Find the complementary angle of 20° 19' 35"

(i) 69° 40' 35" (ii) 79° 40' 25" (iii) 54° 30' 25" (iv) 69° 40' 25" (v) 69° 50' 25"

16. Find the supplementary angle of 50° 14' 29"

(i) 114° 35' 31" (ii) 129° 45' 31" (iii) 129° 45' 41" (iv) 139° 45' 31" (v) 129° 55' 31"

17. Find the value of g in the figure below



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

Assignment Key

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