



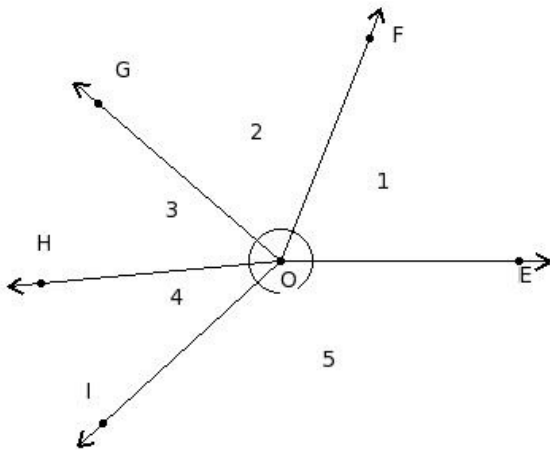
1. The complementary angle of 10° is
(i) 80° (ii) 110° (iii) 90° (iv) 85° (v) 95°

2. The supplementary angle of 33° is
(i) 147° (ii) 162° (iii) 157° (iv) 177° (v) 152°

3. Find the complementary angles pair in the following
(i) $70^\circ, 90^\circ$ (ii) $30^\circ, 60^\circ$ (iii) $60^\circ, 80^\circ$ (iv) $20^\circ, 60^\circ$ (v) $40^\circ, 70^\circ$

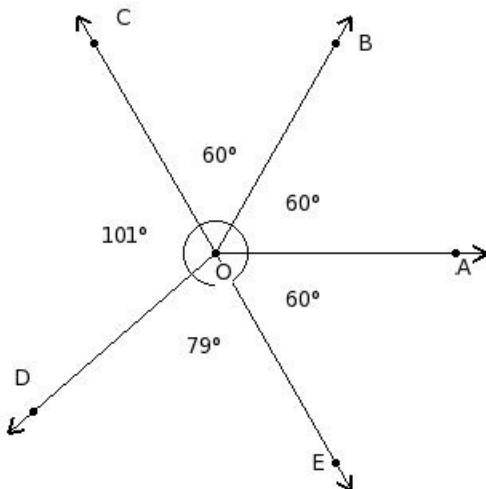
4. Find the supplementary angles pair in the following
(i) $113^\circ, 57^\circ$ (ii) $163^\circ, 87^\circ$ (iii) $153^\circ, 77^\circ$ (iv) $133^\circ, 67^\circ$ (v) $123^\circ, 57^\circ$

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



- (i) $\angle HOI, \angle FOG$ (ii) $\angle GOH, \angle IOE$ (iii) $\angle EOF, \angle FOG$ (iv) $\angle IOE, \angle FOG$ (v) $\angle FOG, \angle HOI$

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



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

7. Find the complementary angle of $10^\circ 48' 32''$

- (i) $79^\circ 11' 28''$ (ii) $89^\circ 11' 28''$ (iii) $64^\circ 1' 28''$ (iv) $79^\circ 21' 28''$ (v) $79^\circ 11' 38''$

8. Find the supplementary angle of $65^\circ 16' 55''$

- (i) $114^\circ 53' 5''$ (ii) $124^\circ 43' 5''$ (iii) $99^\circ 33' 5''$ (iv) $114^\circ 43' 5''$ (v) $114^\circ 43' 15''$

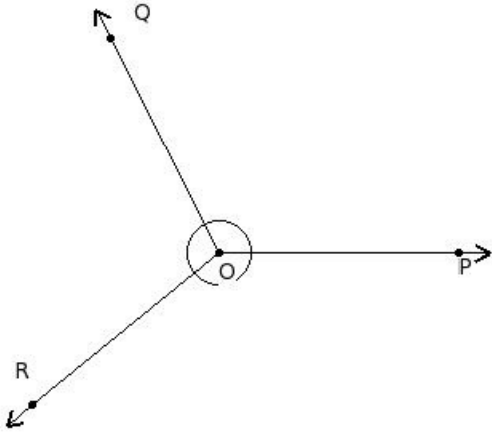
9. Which of the following pairs of angles are complementary?

- (i) $15^\circ 1' 54''$, $74^\circ 48' 6''$ (ii) $15^\circ 1' 54''$, $75^\circ 8' 6''$ (iii) $15^\circ 1' 54''$, $74^\circ 58' 6''$ (iv) $15^\circ 11' 54''$, $74^\circ 38' 6''$
(v) $14^\circ 51' 54''$, $74^\circ 58' 6''$

10. Which of the following pairs of angles are supplementary?

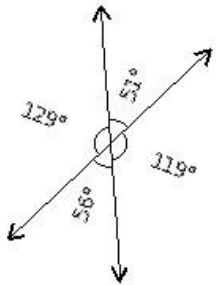
- (i) $107^\circ 54' 17''$, $71^\circ 55' 43''$ (ii) $107^\circ 54' 17''$, $72^\circ 15' 43''$ (iii) $108^\circ 4' 17''$, $71^\circ 45' 43''$
(iv) $107^\circ 54' 17''$, $72^\circ 5' 43''$ (v) $107^\circ 44' 17''$, $72^\circ 5' 43''$

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

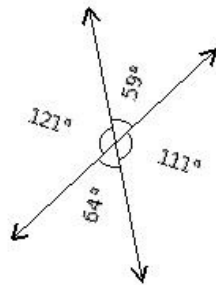


- (i) $\angle SOT$, $\angle QOR$ (ii) $\angle POQ$, $\angle QOR$ (iii) $\angle QOR$, $\angle SOT$ (iv) $\angle TOU$, $\angle QOR$ (v) $\angle ROP$, $\angle TOU$

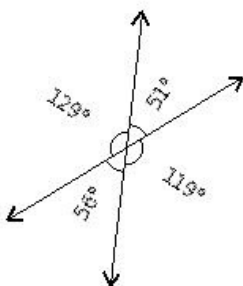
12. Which of the given figures is correct?



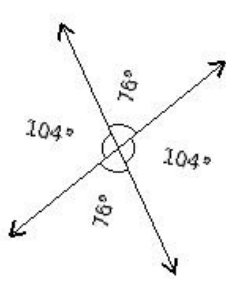
I



II



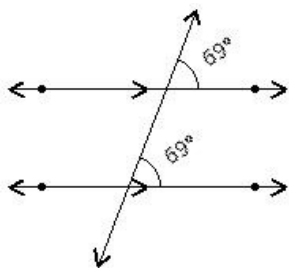
III



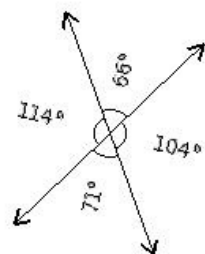
IV

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

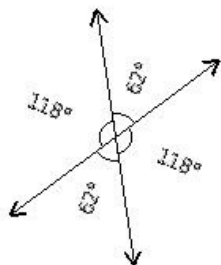
13. Which of the given figures is wrong?



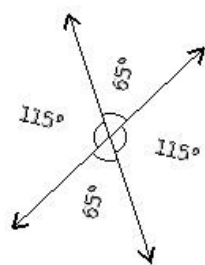
I



II



III



IV

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

Assignment Key

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