



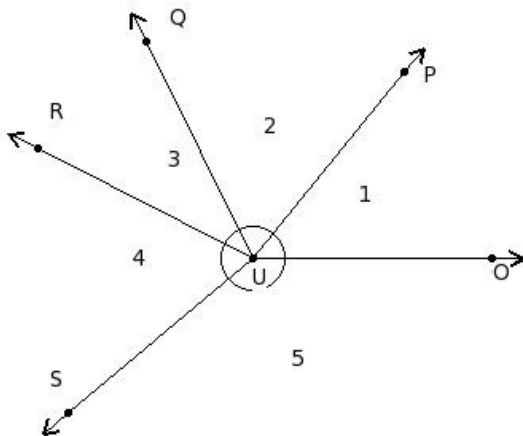
1. The complementary angle of 44° is
(i) 61° (ii) 46° (iii) 76° (iv) 51° (v) 56°

2. The supplementary angle of 41° is
(i) 144° (ii) 169° (iii) 149° (iv) 154° (v) 139°

3. Find the complementary angles pair in the following
(i) $87^\circ, 3^\circ$ (ii) $77^\circ, 3^\circ$ (iii) $117^\circ, 23^\circ$ (iv) $97^\circ, 13^\circ$ (v) $127^\circ, 33^\circ$

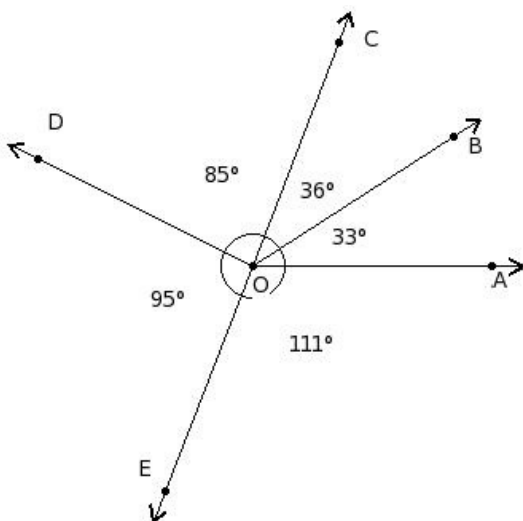
4. Find the supplementary angles pair in the following
(i) $200^\circ, 50^\circ$ (ii) $190^\circ, 40^\circ$ (iii) $170^\circ, 30^\circ$ (iv) $160^\circ, 20^\circ$ (v) $150^\circ, 20^\circ$

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



- (i) $\angle SUO$, $\angle PUQ$ (ii) $\angle QUR$, $\angle SUO$ (iii) $\angle PUQ$, $\angle RUS$ (iv) $\angle RUS$, $\angle PUQ$ (v) $\angle OUP$, $\angle PUQ$

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



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

7. Find the complementary angle of $54^\circ 1' 50''$

- (i) $45^\circ 58' 10''$ (ii) $36^\circ 8' 10''$ (iii) $35^\circ 58' 10''$ (iv) $35^\circ 58' 20''$ (v) $20^\circ 48' 10''$

8. Find the supplementary angle of $35^{\circ} 32' 22''$

- (i) $154^{\circ} 27' 38''$ (ii) $144^{\circ} 27' 48''$ (iii) $144^{\circ} 27' 38''$ (iv) $129^{\circ} 17' 38''$ (v) $144^{\circ} 37' 38''$

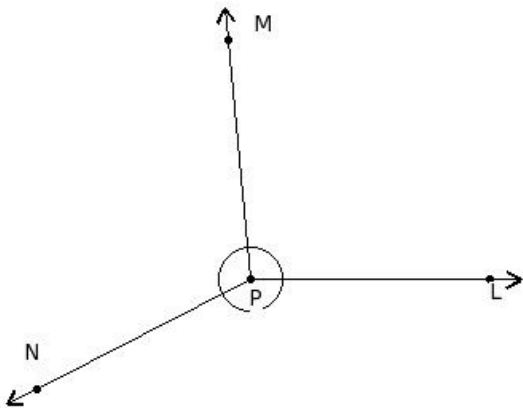
9. Which of the following pairs of angles are complementary?

- (i) $69^{\circ} 51''$, $20^{\circ} 49' 9''$ (ii) $69^{\circ} 51''$, $20^{\circ} 59' 9''$ (iii) $68^{\circ} 50' 51''$, $20^{\circ} 59' 9''$ (iv) $69^{\circ} 10' 51''$, $20^{\circ} 39' 9''$
(v) $69^{\circ} 51''$, $21^{\circ} 9' 9''$

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

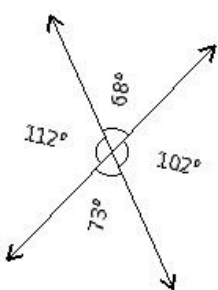
- (i) $109^{\circ} 50' 16''$, $70^{\circ} 9' 44''$ (ii) $109^{\circ} 50' 16''$, $70^{\circ} 19' 44''$ (iii) $109^{\circ} 50' 16''$, $69^{\circ} 59' 44''$
(iv) $109^{\circ} 40' 16''$, $70^{\circ} 9' 44''$ (v) $110^{\circ} 16''$, $69^{\circ} 49' 44''$

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

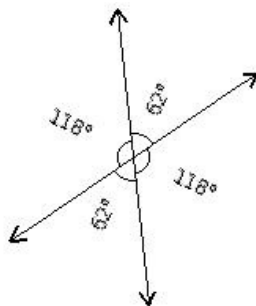


- (i) $\angle LPM$, $\angle MPN$ (ii) $\angle OPP$, $\angle MPN$ (iii) $\angle PPQ$, $\angle MPN$ (iv) $\angle NPL$, $\angle PPQ$ (v) $\angle MPN$, $\angle OPP$

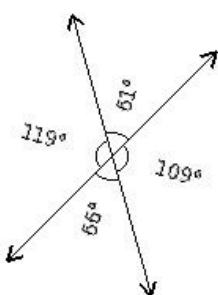
12. Which of the given figures is correct?



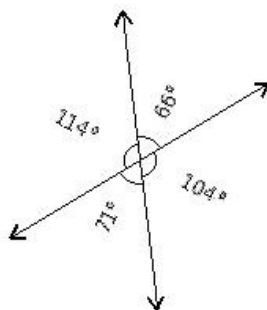
I



II



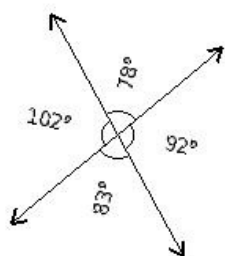
III



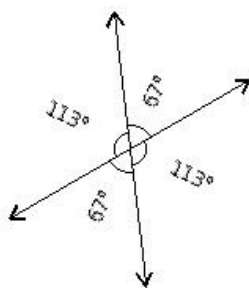
IV

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

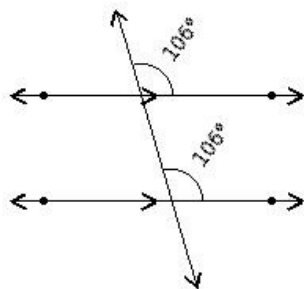
13. Which of the given figures is wrong?



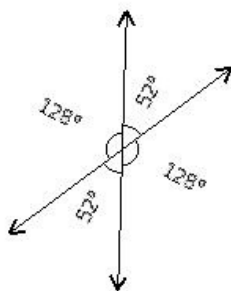
I



II



III



IV

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

Assignment Key

1) (ii)

2) (v)

3) (i)

4) (iv)

5) (v)

6) (iii)

7) (iii)

8) (iii)

9) (ii)

10) (i)

11) (i)

12) (iv)

13) (iv)

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