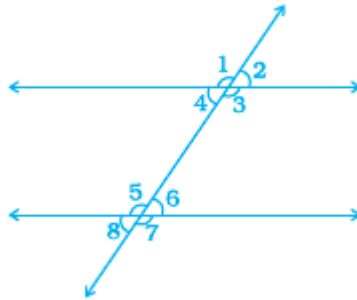


Elementary Geometry: SET 1

1. In the following a pair of corresponding angles is



A. $\angle 1, \angle 2$

B. $\angle 2, \angle 2$

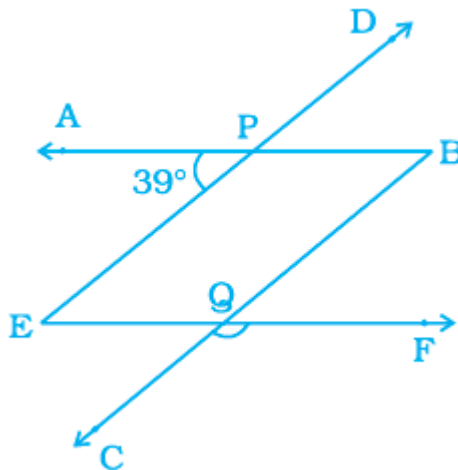
C. $\angle 3, \angle 6$

D. $\angle 4, \angle 5$

E. $\angle 3, \angle 7$

Answers

2. In the following figure $AB \parallel EF$, $ED \parallel CB$ and $\angle APE$ is 39° . Find $\angle CQF$.



A. $\angle CQF = 28^\circ$

B. $\angle CQF = 39^\circ$

<input type="radio"/> C. $\angle CQF = 93^\circ$	<input type="radio"/> D. $\angle CQF = 139^\circ$
<input type="radio"/> E. $\angle CQF = 141^\circ$	

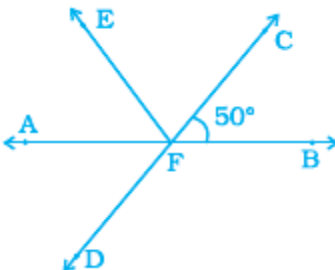
Answers

3. Out of a pair of complementary angles, one is two-third of the other. Find the angles.

<input type="radio"/> A. 18°	<input type="radio"/> B. 36°
<input type="radio"/> C. 54°	<input type="radio"/> D. 90°
<input type="radio"/> E. 180°	

Answers

4. In the following figure CD intersects the line AB at F, $\angle CFB = 50^\circ$ and $\angle EFA = \angle AFD$. Find the measure of $\angle EFC$.



<input type="radio"/> A. 50°	<input type="radio"/> B. 80°
<input type="radio"/> C. 90°	<input type="radio"/> D. 120°
<input type="radio"/> E. 180°	

Answers

5. If the complement of an angle is 79° , then the angle will be of

A. 1°

B. 10°

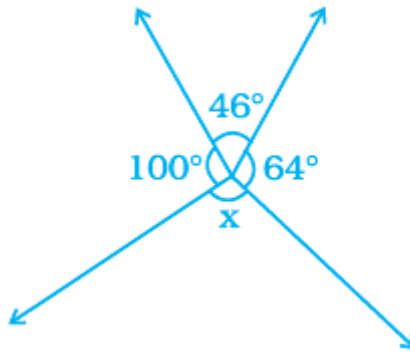
C. 11°

D. 111°

E. 110°

Answers

6. In the following figure find the value of x is



A. 46°

B. 90°

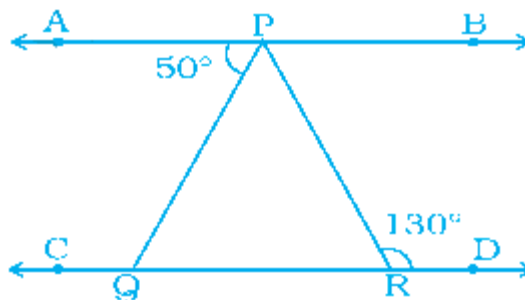
C. 100°

D. 110°

E. 150°

Answers

7. In the following figure if $AB \parallel CD$, $\angle APQ = 50^\circ$ and $\angle PRD = 130^\circ$, then $\angle QPR$ is



<input type="radio"/> A. 20°	<input type="radio"/> B. 50°
<input type="radio"/> C. 80°	<input type="radio"/> D. 90°
<input type="radio"/> E. 130°	

Answers

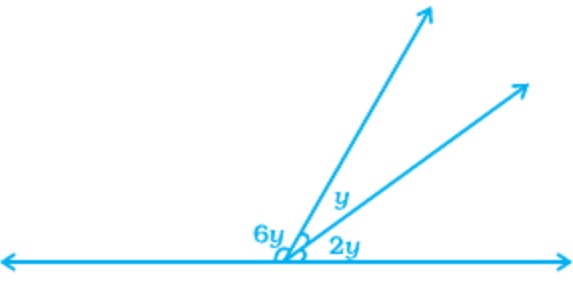
8. If angle A and angle B are supplementary and the measure of angle A is 60° , then the measure of angle B is	
<input type="radio"/> A. 30°	<input type="radio"/> B. 60°
<input type="radio"/> C. 80°	<input type="radio"/> D. 90°
<input type="radio"/> E. 120°	

Answers

9. The measure of an angle which is four times its supplement is	
<input type="radio"/> A. 36°	<input type="radio"/> B. 90°
<input type="radio"/> C. 110°	<input type="radio"/> D. 120°
<input type="radio"/> E. 144°	

Answers

10. In the following figure find the value of y
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<input type="radio"/> A. 10°	<input type="radio"/> B. 20°
<input type="radio"/> C. 33°	<input type="radio"/> D. 45°
<input type="radio"/> E. 60°	

Answers