

Grade 9 Advance Mathematics – Revision

Chapter 14

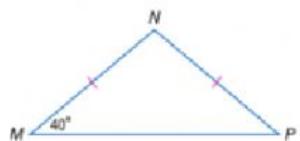
## **Answer all the questions**

1. Find the measure  $\angle D E$ .



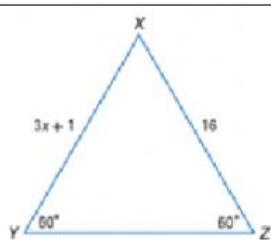


2. Find the measure  $m\angle MPN$

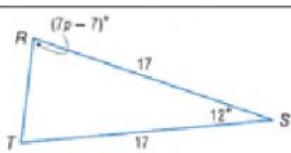




3. Find the value of x.



4. Find the value of p.



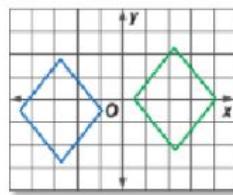
(a) 80

(b) 5

(c) 22

(d) 13

5. Identify the type of congruence transformation.



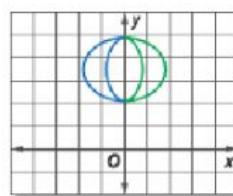
(a) Translation

(b) Rotation

(c) Reflection

(d) None of these

6. Identify the type of congruence transformation.



(a) Translation

(b) Rotation

(c) Reflection

(d) None of these

7. Identify the type of congruence transformation.



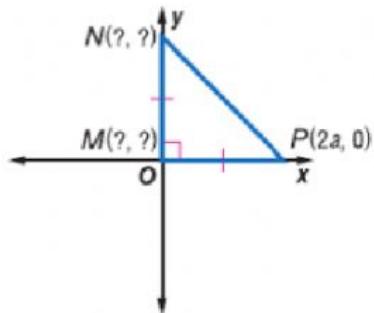
(a) Translation

(b) Rotation

(c) Reflection

(d) None of these

8. Find the missing coordinate N.



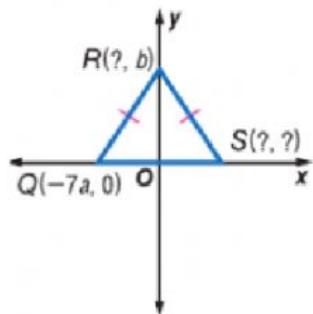
(a)  $(0, a)$

(b)  $(0, 2a)$

(c)  $(0, -a)$

(d)  $(0, -2a)$

9. Find the missing coordinate S.



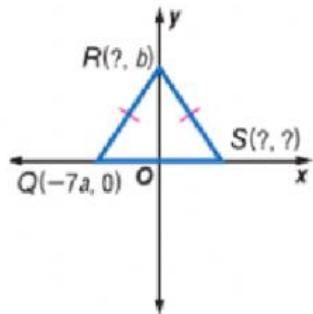
(a)  $(0, 7a)$

(b)  $(0, 2a)$

(c)  $(7a, 0)$

(d)  $(0, -7a)$

10. Find the missing coordinate R.



(a)  $(0, a)$

(b)  $(0, 2a)$

(c)  $(7a, b)$

(d)  $(0, b)$