

Grade 9 Advance Mathematics – Revision

Chapter 14

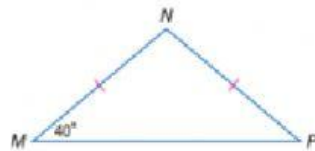
Answer all the questions

1. Find the measure DE.



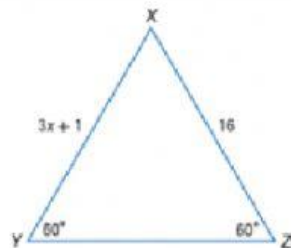
- (a) 80                      (b) 20                      (c) 22                      (d) 30

2. Find the measure  $m\angle MPN$



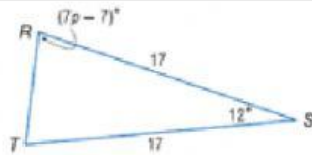
- (a) 40                      (b) 20                      (c) 22                      (d) 30

3. Find the value of x.



- (a) 80                      (b) 5                      (c) 22                      (d) 30

4. Find the value of  $p$ .



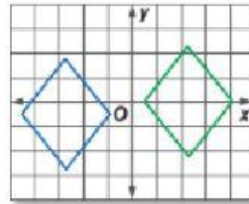
(a) 80

(b) 5

(c) 22

(d) 13

5. Identify the type of congruence transformation.



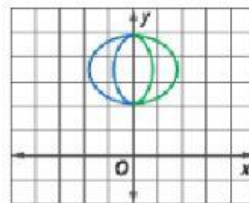
(a) Translation

(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.



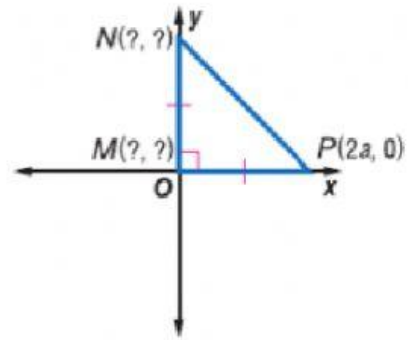
(a) Translation

(b) Rotation

(c) Reflection

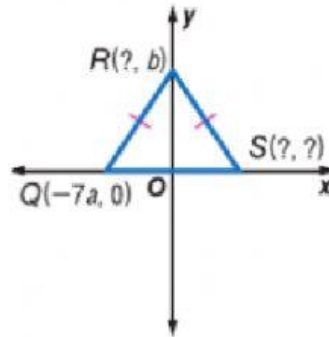
(d) None of these

8. Find the missing coordinate N.



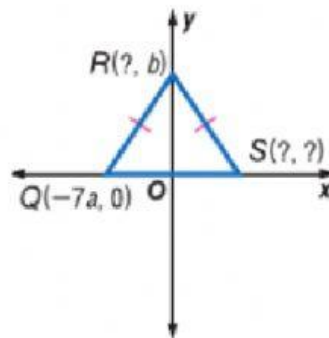
- (a)  $(0, a)$       (b)  $(0, 2a)$       (c)  $(0, -a)$       (d)  $(0, -2a)$

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)  $(0, b)$