

Grade 9 Advance Mathematics – Revision

Chapter 14

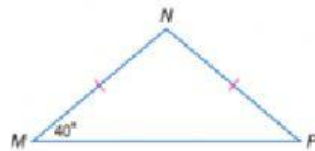
Answer all the questions

1. Find the measure DE.



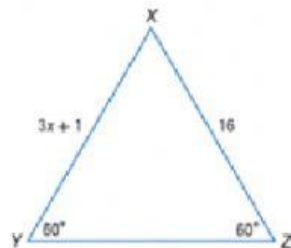
- (a) 80 (b) 20 (c) 22 (d) 30

2. Find the measure $m\angle MPN$



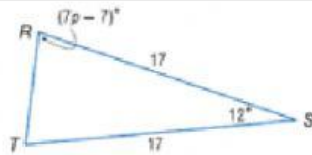
- (a) 40 (b) 20 (c) 22 (d) 30

3. Find the value of x.



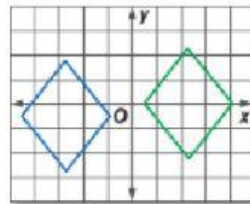
- (a) 80 (b) 5 (c) 22 (d) 30

4. Find the value of p .



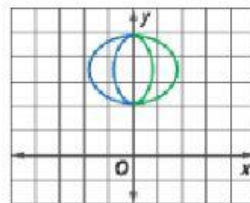
- (a) 80 (b) 5 (c) 22 (d) 13

5. Identify the type of congruence transformation.



- (a) Translation (b) Rotation (c) Reflection (d) None of these

6. Identify the type of congruence transformation.



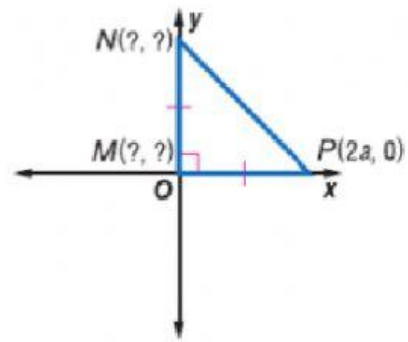
- (a) Translation (b) Rotation (c) Reflection (d) None of these

7. Identify the type of congruence transformation.



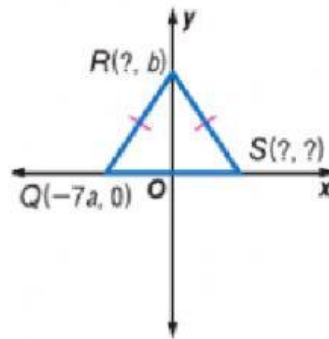
- (a) Translation (b) Rotation (c) Reflection (d) None of these

8. Find the missing coordinate N.



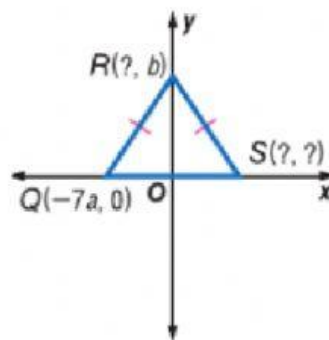
- (a) $(0, a)$ (b) $(0, 2a)$ (c) $(0, -a)$ (d) $(0, -2a)$

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) $(0, b)$