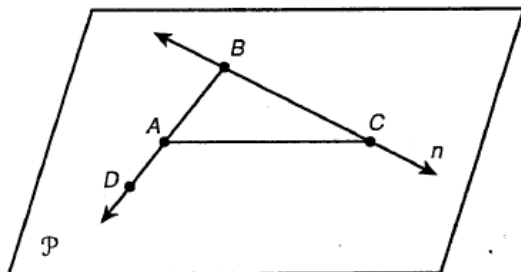


CHAPTER
1

Chapter Test Review

Circle the best answer.

Use the figure for Exercises 1–4.



1. What is another name for plane P?

- A plane B C plane ABC
B plane n D plane BAD

2. Which segment is on line n?

- A \overline{DA}
B \overline{BC}

3. Which is the name of a ray with endpoint B?

- A \overline{AB} C \overline{DB}
B \overline{BC} D \overline{BA}

4. Name the intersection of line n and \overline{AC} .

- A point B
B point C

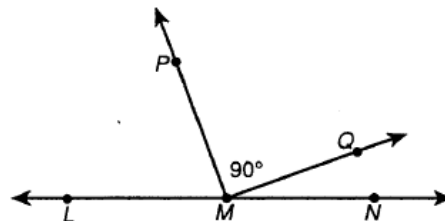
5. F is between E and G, $EF = 7$, and $FG = 6$. Find EG.

- A 6 C 13
B 7 D 26

6. $\overline{LM} \cong \overline{QP}$ and $LM = 12$. Find QP.

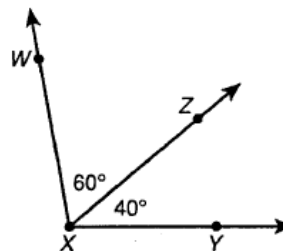
- A 6
B 12

7. Which term describes $\angle LMP$?



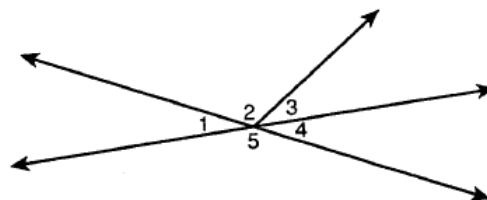
- A acute
B obtuse

8. What is $m\angle WXY$?



- A 20° C 60°
B 40° D 100°

9. Which pair of angles is adjacent?



- A $\angle 1$ and $\angle 2$
B $\angle 1$ and $\angle 3$

10. If $m\angle A = 47^\circ$, what is the measure of a complement of $\angle A$?

- A 43°
B 133°



11. If $m\angle B = x^\circ$, what is the measure of a supplement of $\angle B$?

- A 90° C $(90 - x)^\circ$
B 180° D $(180 - x)^\circ$

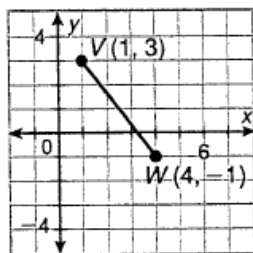
12. What are the coordinates of the midpoint of \overline{GH} with endpoints $G(-2, 5)$ and $H(4, 1)$?

- A $(-6, 4)$ C $(-3, 2)$
B $(1, 3)$ D $(2, 6)$

13. M is the midpoint of \overline{RS} and R has coordinates $(2, 5)$. M has coordinates $(6, 9)$. Find the coordinates of S .

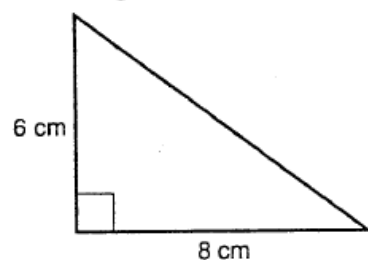
- A $(4.5, 6.5)$ C $(4, 4)$
B $(10, 13)$ D $(16, 16)$

14. Use the Distance Formula to find VW .



- A 5 C 9
B $\sqrt{29}$ D 25

15. Use the Pythagorean Theorem to find the length of the hypotenuse.



- A 10 C 48
B 14 D 100

Chapter Test Review: Multiple Choice

- | | |
|-------|-------|
| 1. C | 11. D |
| 2. B | 12. B |
| 3. D | 13. B |
| 4. B | 14. A |
| 5. C | 15. A |
| 6. B | |
| 7. A | |
| 8. D | |
| 9. A | |
| 10. A | |