

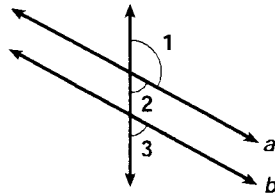
Basic Skills Practice

Parallel Lines in Geometry, Part 2

Read each question and circle the best answer.

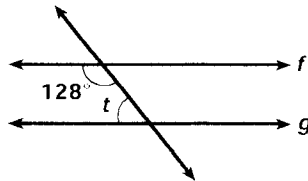
1. Lines a and b are parallel. If the measure of $\angle 1$ is 140° , what is the measure of $\angle 3$?

- A 140°
- B 90°
- C 40°
- D 10°



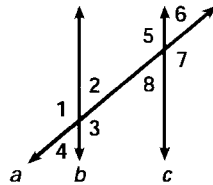
2. Lines f and g are parallel. What is the measure of $\angle t$?

- F 128°
- G 62°
- H 52°
- I 22°



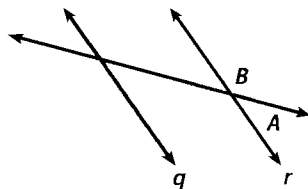
3. Lines b and c are parallel. Which angle does not share the same measurement as $\angle 3$?

- A $\angle 1$
- B $\angle 5$
- C $\angle 7$
- D $\angle 8$

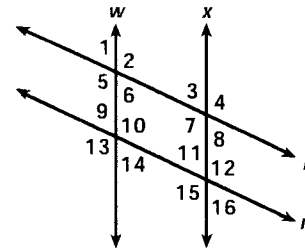


4. Lines q and r are parallel. If $\angle A$ measures 38° , what is the measure of $\angle B$?

- F 12°
- G 52°
- H 62°
- I 142°



Use the figure to answer Exercises 5-7.



5. Lines w and x are parallel. Lines l and n are also parallel. Which of the following has the same measure as $\angle 10$?

- A $\angle 4$
- B $\angle 6$
- C $\angle 9$
- D $\angle 16$

6. If $\angle 3$ measures 70° , $\angle 11$ measures—

- F 20°
- G 50°
- H 70°
- I 110°

7. If $\angle 10$ measures 110° , $\angle 9$ measures—

- A 40°
- B 50°
- C 60°
- D 70°

Lines a and b are parallel. Use the figure to answer Exercises 8-9.

8. If the measure of $\angle 1$ is 50° , what is the measure of $\angle 2$?

9. If $\angle 3$ measures 130° , what is the measure of $\angle 2$?

