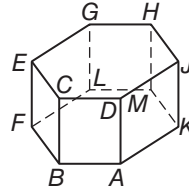


# 3 Chapter 3 Quiz 1

SCORE \_\_\_\_\_

(Lessons 3-1 and 3-2)

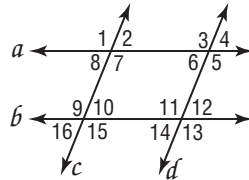
For Questions 1 and 2, refer to the figure.



- Which plane is parallel to plane  $EGH$ ?
- Name the intersection of plane  $ABC$  and plane  $EFB$ .

- FLM
- CB

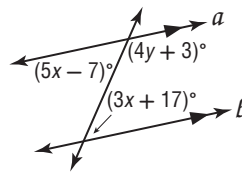
For Questions 3–8, refer to the figure. Identify each pair of angles as *alternate interior*, *alternate exterior*, *corresponding*, or *consecutive interior angles*.



- $\angle 2$  and  $\angle 10$
- $\angle 1$  and  $\angle 5$
- $\angle 2$  and  $\angle 12$
- $\angle 6$  and  $\angle 12$
- $\angle 14$  and  $\angle 15$

- corresponding
- alt. interior
- alt. exterior
- consecutive interior

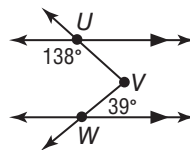
Given  $a \parallel b$  and  $m\angle 7 = 94$ , find the measure of the following angles.



- $\angle 10$
- $\angle 9$
- Find the value of the variables in the figure.

- 86
- 94
- $x=12; y=31$

10. MULTIPLE CHOICE What is  $m\angle UVW$ ?



- |      |       |
|------|-------|
| A 39 | C 81  |
| B 42 | D 138 |

- C

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# 3 Chapter 3 Quiz 2

SCORE \_\_\_\_\_

(Lesson 3-3)

Determine the slope of the line that contains the given points.

- $E(-5, 6), Z(4, -3)$
- $Y(-1, -12), P(3, 8)$
- $B(-2, 7), N(8, -8)$
- $R(-5, -7), Q(5, -5)$
- A line contains the points  $A(-9, y)$  and  $B(-7, -2)$ . Find the value of  $y$  so the line has a slope of  $-3$ .

- 1
- 5
- 1.5
- 1/5
- 4