

Geometry Review

QUIZ 1

Name: _____

Date: _____ Per: _____

1. Which is closest to the length of \overline{GH} ?



- A. 7.6
- B. 10.2
- C. 13.6
- D. 15.8

2. \overline{AC} has coordinates $A(-6, 8)$ and $C(-4, 3)$. Find the coordinates of the midpoint.

(,)

3. The two lines below intersect as shown. What is the value of x ?



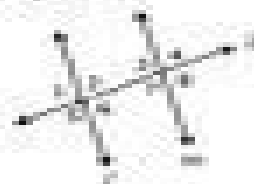
$x =$

4. $\angle A$ and $\angle B$ form a linear pair. If $m\angle A = (5x - 19)^\circ$ and $m\angle B = (11x - 22)^\circ$, find $m\angle B$.

- A. 59°
- B. 63°
- C. 115°
- D. 121°

Use the same diagram for questions 5-7.

5. Which pair of angles represent corresponding angles?



- A. $\angle 4$ and $\angle 5$
- B. $\angle 6$ and $\angle 7$
- C. $\angle 3$ and $\angle 8$
- D. $\angle 1$ and $\angle 3$

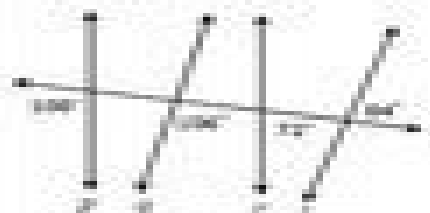
6. Which information would prove $l \parallel m$?

- A. $\angle 2 \cong \angle 3$
- B. $\angle 1 \cong \angle 8$
- C. $\angle 6 \cong \angle 7$
- D. $m\angle 3 + m\angle 4 = 180^\circ$

7. If $l \parallel m$ and $m\angle 8 = 109^\circ$, what is $m\angle 5$?

$m\angle 5 =$

8. Which pair of lines must be parallel?



- A. p and r
- B. q and s
- C. p and s
- D. q and r

Geometry Winter Review Packet Answer Key 2025

Yijin Wang



Geometry Winter Review Packet Answer Key 2025:

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