

WARM-UP EXERCISES

For use before Lesson 5.5, pages 294–301

Solve the inequality.

1. $x + 3 < 14$ 2. $12 > 10 - x$ 3. $2x + 3 < 4x - 9$

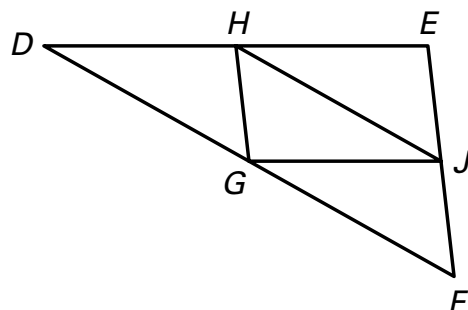
Find the measure of the third angle of a triangle with the two given angle measures.

4. $28^\circ, 59^\circ$ 5. $x^\circ, 2x^\circ$

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DAILY HOMEWORK QUIZ

For use after Lesson 5.4, pages 287–293

In $\triangle DEF$, G , H , and J are the midpoints of the sides.

- Which segment is parallel to \overline{EF} ?
- If $GJ = 3$, what is HE ?
- If $DF = 5$, what is HJ ?
- $\triangle ABC$ has its vertices at $A(2, 2)$, $B(8, 4)$, and $C(6, -2)$.
What is the perimeter of its midsegment triangle?