Ladybug Angle-Addition Puzzles

Grade 4 | Geometry | Angle measure | Ink-Saver B&W

Learner: _____ Date: _____

Two smaller angles can combine to make one larger angle. Add or subtract to find each missing measure.

TRY IT

Complete all six prompts. You may write, point, explain aloud, or use a scribe.

1 **30 degrees + 40 degrees = ____ degrees**

_____

2 **25 degrees + ____ = 90 degrees**

_____

3 **____ + 55 degrees = 100 degrees**

_____

4 **A 120-degree angle splits into 70 degrees and ____.**

_____

5 **Which is larger: 35 + 25 degrees or 50 degrees?**

_____

6 **Explain how subtraction finds a missing part.**

_____



Grown-up check: 70 degrees; 65 degrees; 45 degrees; 50 degrees; 35 + 25 degrees because 60 > 50; subtract a known part from the whole angle.

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