7.G.2: Worksheet

1. Draw a triangle with side lengths of 3 in, 5 in, and 3 in. Is your answer a unique triangle?

6. Can a triangle have one obtuse angle and two acute angles? If so, draw an example.

2. Draw a quadrilateral with only one set of parallel sides and no right angles.

7. Is it possible to draw a triangle with side lengths of 10 in, 5 in, and 4 in?

3. Draw a triangle with one right angle and one side that's 12 cm long. Is your answer a unique triangle?

8. Draw a parallelogram with one 50° angle and one 130° angle.

4. Can a triangle have three acute angles? If so, draw an example.

9. Is it possible to draw an equilateral triangle whose angles are all 60°?

5. Can a triangle have two right angles? If so, draw an example.

10. Draw a triangle with side lengths of 12 cm, 13 cm, and 10 cm.