

## 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?
2. Draw a quadrilateral with only one set of parallel sides and no right angles.
3. Draw a triangle with one right angle and one side that's 12 cm long. Is your answer a unique triangle?
4. Can a triangle have three acute angles? If so, draw an example.
5. Can a triangle have two right angles? If so, draw an example.
6. Can a triangle have one obtuse angle and two acute angles? If so, draw an example.
7. Is it possible to draw a triangle with side lengths of 10 in, 5 in, and 4 in?
8. Draw a parallelogram with one  $50^\circ$  angle and one  $130^\circ$  angle.
9. Is it possible to draw an equilateral triangle whose angles are all  $60^\circ$ ?
10. Draw a triangle with side lengths of 12 cm, 13 cm, and 10 cm.

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