

MEASUREMENT

TRIANGLE CONNECTION

Connect the dots to solve these triangle puzzles.

In a **Triangle Connect** puzzle, the goal is to find a triangle with the given side lengths.

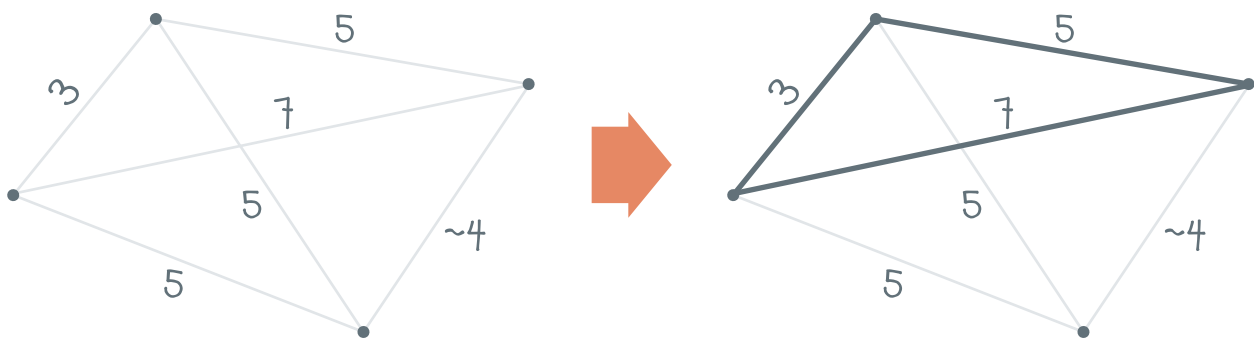
EXAMPLE

Trace three of the lines below to make a triangle with sides that are 3, 5, and 7 centimeters long.



We label the lengths of all six lines in centimeters.

Then, we trace the only triangle with sides that are 3, 5, and 7 centimeters long.



The wiggly line by the 4 means that it is about 4 centimeters, but not exactly.

MEASUREMENT TRIANGLE CONNECTION



Measure from the *center* of the dot at one end of each line...

...to the *center* of the dot at the other end.



PRACTICE

For each problem, trace three lines to make a triangle with the side lengths given in centimeters (cm).

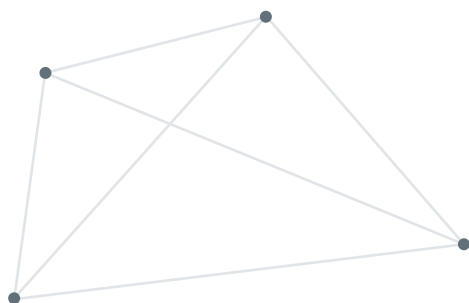
50. **Sides:**
2 cm, 3 cm, 4 cm



51. **Sides:**
4 cm, 4 cm, 5 cm



52. **Sides:**
4 cm, 5 cm, 6 cm



53. **Sides:**
4 cm, 4 cm, 7 cm



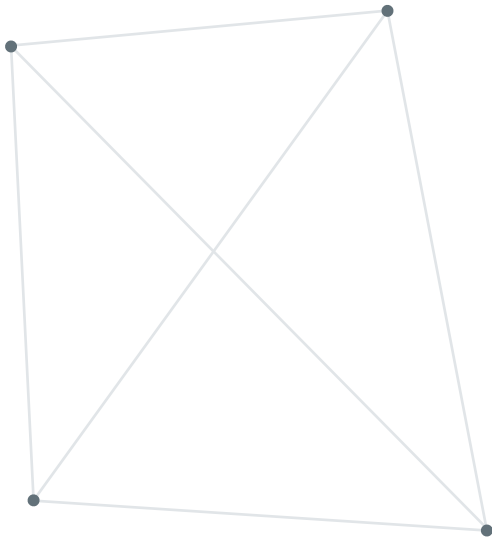
MEASUREMENT

TRIANGLE CONNECTION

PRACTICE

For each problem, trace three lines to make a triangle with the side lengths given in centimeters (cm).

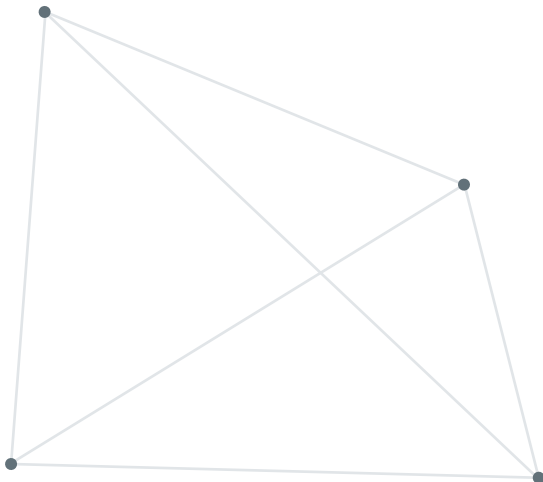
54. **Sides:**
5 cm, 6 cm, 8 cm



55. **Sides:**
3 cm, 6 cm, 7 cm



56. **Sides:**
4 cm, 6 cm, 9 cm



57. **Sides:**
6 cm, 7 cm, 9 cm



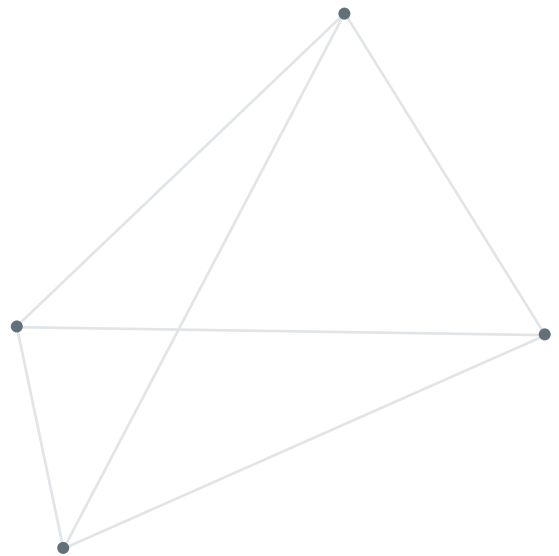
PRACTICE

For each problem, trace three lines to make a triangle with the side lengths given in centimeters (cm).

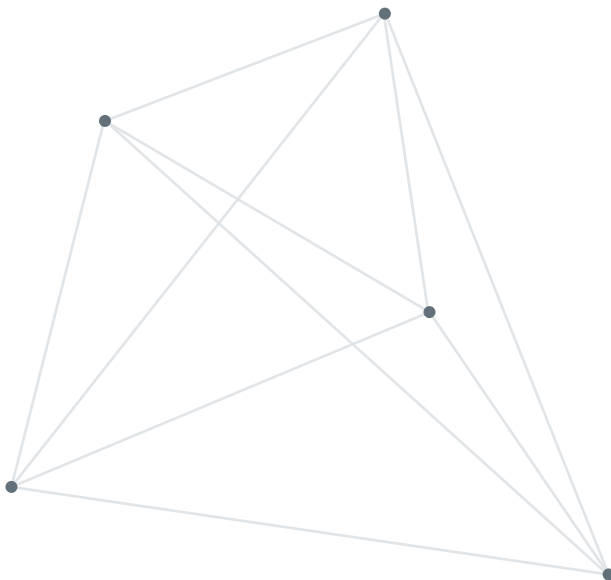
58. **Sides:**
6 cm, 8 cm, 10 cm



59. **Sides:**
5 cm, 7 cm, 8 cm



60. **Sides:**
8 cm, 8 cm, 8 cm



61. **Sides:**
5 cm, 6 cm, 7 cm

