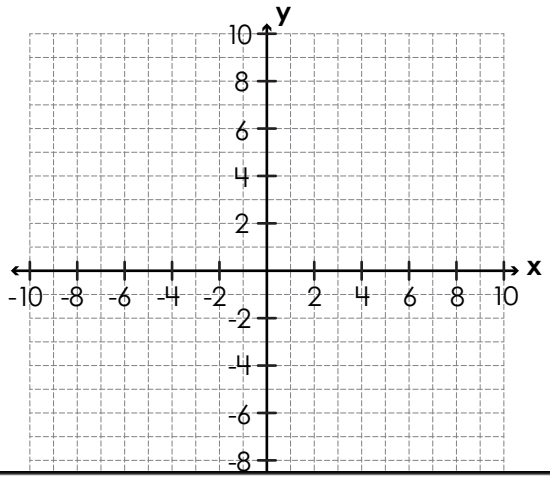
Name: _____

# Coordinate Grid Area: Triangles

Plot, label, and connect the vertices to make a triangle. Using absolute value, find the lengths of the sides that make a right angle (the legs). Then find the triangle's area.

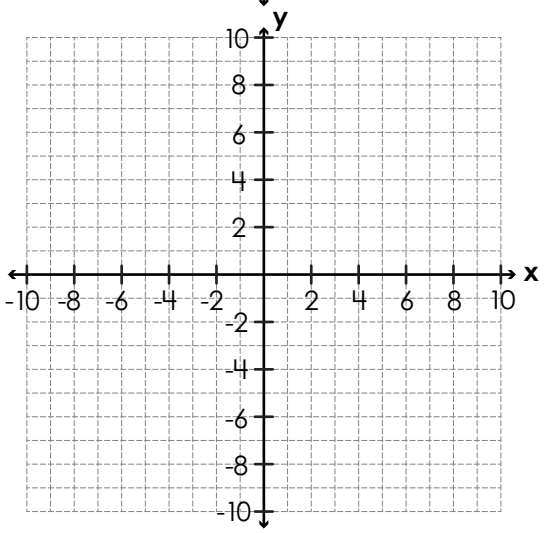
**1.** *A*(-3, 3), *B*(-3, -5), *C*(7, -5)




**area =** _____ units²


**area =** _____ units²

**3.** *X*(-8, 2), *Y*(-2, 2), *Z*(-8, -3)

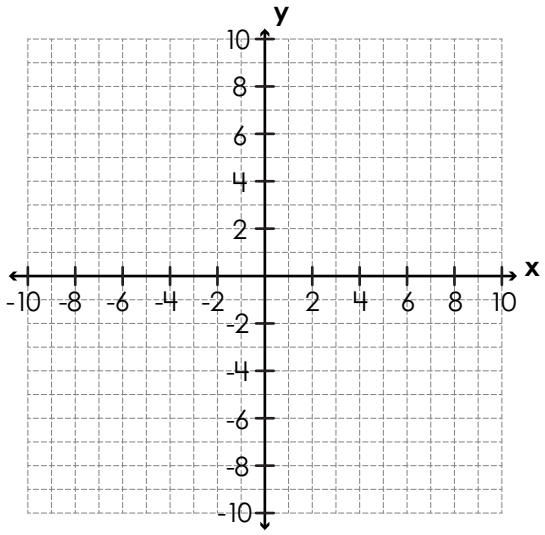



**area =** _____ units²

Name: _____

# Coordinate Grid Area: Triangles

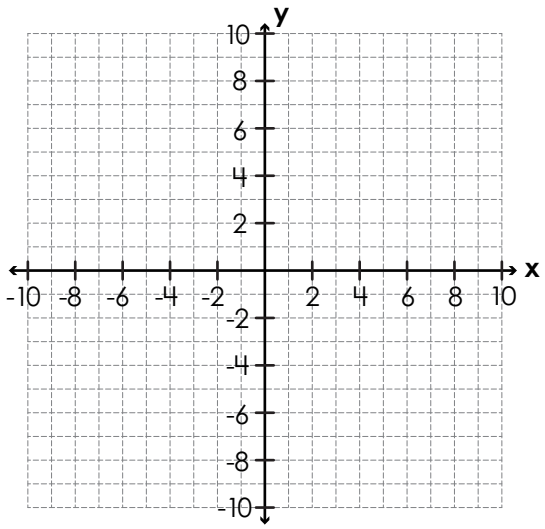
**4.** $R(7, -3)$, $S(7, -9)$, $T(0, -9)$




**area =** _____ units²


**area =** _____ units²

★ $H(-2, 6)$, $I(-8, -5)$, $J(4, -5)$




**area =** _____ units²

# ANSWER KEY

# Coordinate Grid Area: Triangles

Plot, label, and connect the vertices to make a triangle. Using absolute value, find the lengths of the sides that make a right angle (the legs). Then find the triangle's area.

**1.** *A*(-3, 3), *B*(-3, -5), *C*(7, -5)



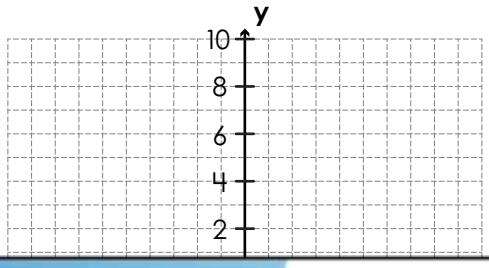


**area =** 15 units²

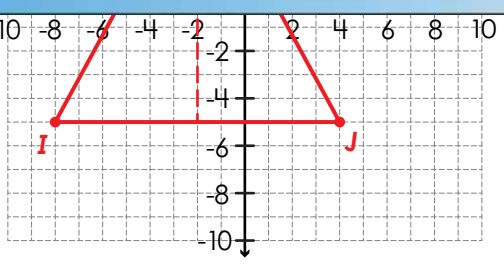
# ANSWER KEY

## Coordinate Grid Area: Triangles

**4.** $R(7, -3)$, $S(7, -9)$, $T(0, -9)$






**area =** 66 units$^2$