

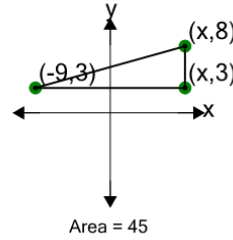


Math worksheet on 'Cartesian Grid - Area (Right Triangle) to Missing Coordinate - Including Negative (Level 2)'. Part of a broader unit on 'Cartesian Grid Geometry Logic - Practice'

Learn online:

[app.mobius.academy/math/units/cartesian\\_grid\\_geometry\\_logic\\_practice/](http://app.mobius.academy/math/units/cartesian_grid_geometry_logic_practice/)

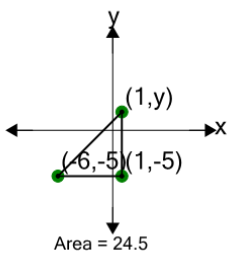
1



Find the missing value for x if the triangle has an area of 45

|          |    |          |    |
|----------|----|----------|----|
| <b>a</b> | 8  | <b>b</b> | 9  |
| <b>c</b> | 10 | <b>d</b> | 14 |
| <b>e</b> | 2  | <b>f</b> | 17 |

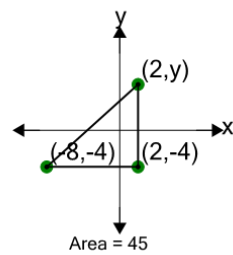
2



Find the missing value for y if the triangle has an area of 24.5

|          |    |          |    |
|----------|----|----------|----|
| <b>a</b> | 10 | <b>b</b> | 8  |
| <b>c</b> | -4 | <b>d</b> | 5  |
| <b>e</b> | 2  | <b>f</b> | -7 |

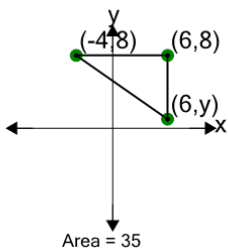
3



Find the missing value for y if the triangle has an area of 45

|          |   |          |    |
|----------|---|----------|----|
| <b>a</b> | 5 | <b>b</b> | 12 |
| <b>c</b> | 4 | <b>d</b> | 1  |
| <b>e</b> | 9 | <b>f</b> | 3  |

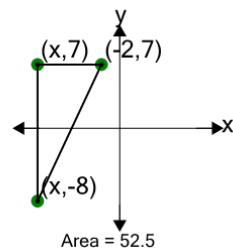
4



Find the missing value for y if the triangle has an area of 35

|          |   |          |    |
|----------|---|----------|----|
| <b>a</b> | 8 | <b>b</b> | -9 |
| <b>c</b> | 2 | <b>d</b> | 1  |
| <b>e</b> | 4 | <b>f</b> | -3 |

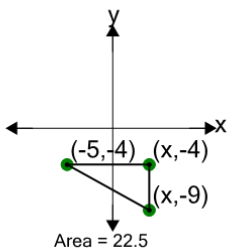
5



Find the missing value for x if the triangle has an area of 52.5

|          |     |          |     |
|----------|-----|----------|-----|
| <b>a</b> | -19 | <b>b</b> | -17 |
| <b>c</b> | -12 | <b>d</b> | 0   |
| <b>e</b> | -9  | <b>f</b> | -14 |

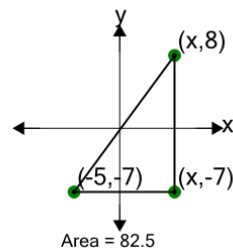
6



Find the missing value for x if the triangle has an area of 22.5

|          |    |          |    |
|----------|----|----------|----|
| <b>a</b> | 10 | <b>b</b> | 11 |
| <b>c</b> | 4  | <b>d</b> | 2  |
| <b>e</b> | -2 | <b>f</b> | 5  |

7



Find the missing value for x if the triangle has an area of 82.5

|          |    |          |    |
|----------|----|----------|----|
| <b>a</b> | 6  | <b>b</b> | 2  |
| <b>c</b> | 10 | <b>d</b> | -1 |
| <b>e</b> | 1  | <b>f</b> | 12 |