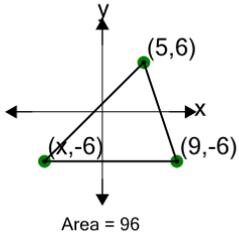
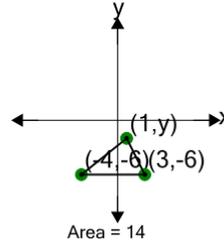


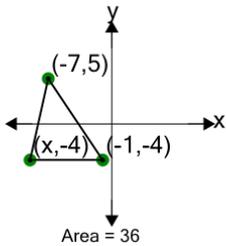
Cartesian Grid - Area (Acute Triangle) to Missing Coordinate - Including Negative

1Find the missing value for x if the triangle has an area of 96

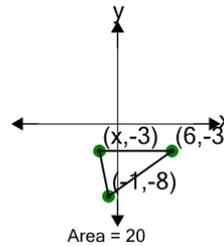
| | | | |
|---|----|---|----|
| A | -1 | B | 2 |
| C | -2 | D | -6 |
| E | -7 | F | -9 |

2Find the missing value for y if the triangle has an area of 14

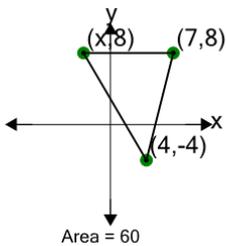
| | | | |
|---|-----|---|-----|
| A | -10 | B | -11 |
| C | 6 | D | -5 |
| E | -2 | F | 2 |

3Find the missing value for x if the triangle has an area of 36

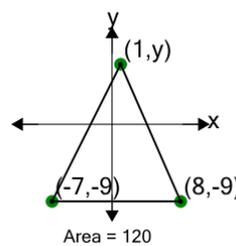
| | | | |
|---|-----|---|----|
| A | -5 | B | -2 |
| C | -10 | D | -9 |
| E | -16 | F | -3 |

4Find the missing value for x if the triangle has an area of 20

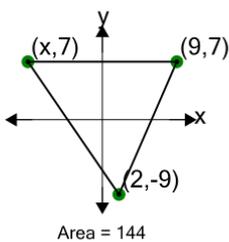
| | | | |
|---|-----|---|---|
| A | -11 | B | 6 |
| C | -5 | D | 3 |
| E | -2 | F | 5 |

5Find the missing value for x if the triangle has an area of 60

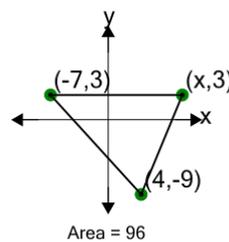
| | | | |
|---|-----|---|----|
| A | -2 | B | -3 |
| C | -13 | D | -7 |
| E | -10 | F | -8 |

6Find the missing value for y if the triangle has an area of 120

| | | | |
|---|----|---|---|
| A | 2 | B | 1 |
| C | 9 | D | 5 |
| E | -1 | F | 7 |

7Find the missing value for x if the triangle has an area of 144

| | | | |
|---|-----|---|-----|
| A | -12 | B | -9 |
| C | 0 | D | -5 |
| E | -17 | F | -11 |

8Find the missing value for x if the triangle has an area of 96

| | | | |
|---|---|---|----|
| A | 2 | B | 12 |
| C | 7 | D | 13 |
| E | 9 | F | 3 |