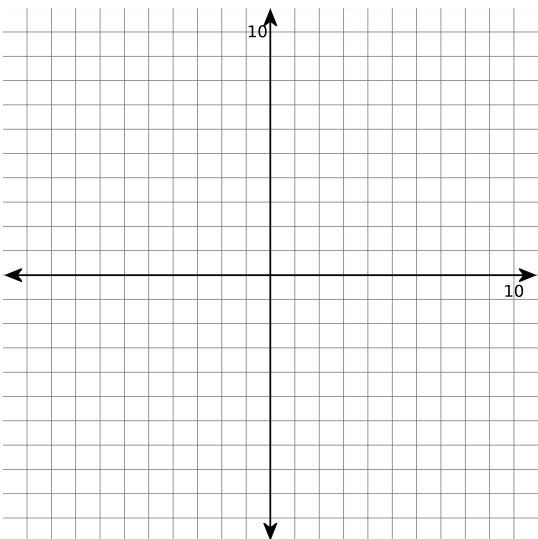


Area of polygons worksheet

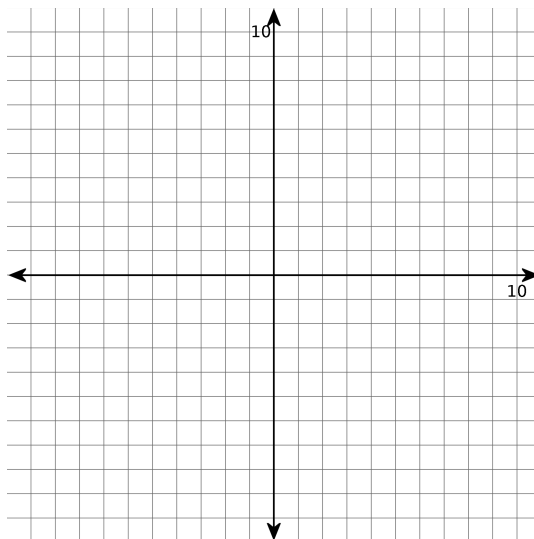
Find the area of the shapes when their vertices are given.

1 a.



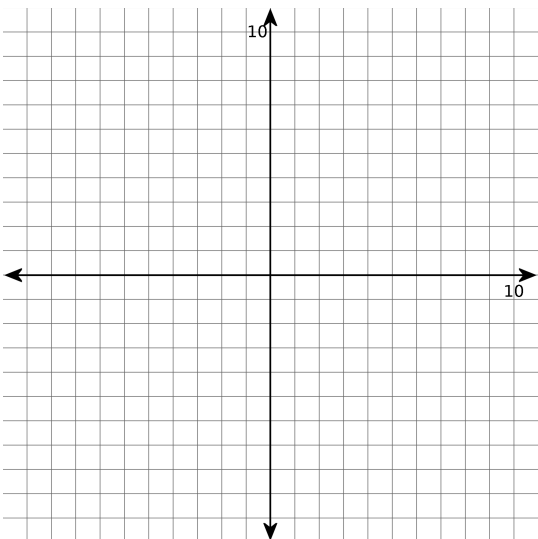
triangle with vertices $(4, -8)$, $(4, 2)$, and $(-8, -8)$.

1 b.



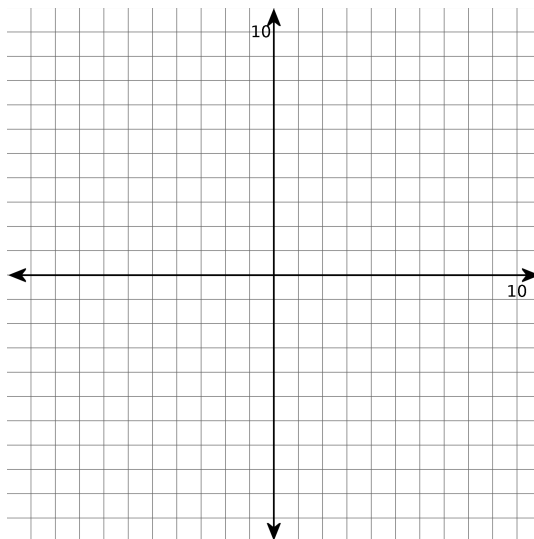
parallelogram with vertices $(-1, 0)$, $(5, 8)$, $(5, 4)$, and $(-1, -4)$.

2 a.



triangle with vertices $(10, 5)$, $(10, 1)$, and $(-6, 5)$.

2 b.



parallelogram with vertices $(-7, 3)$, $(5, 10)$, $(5, 2)$, and $(-7, -5)$.