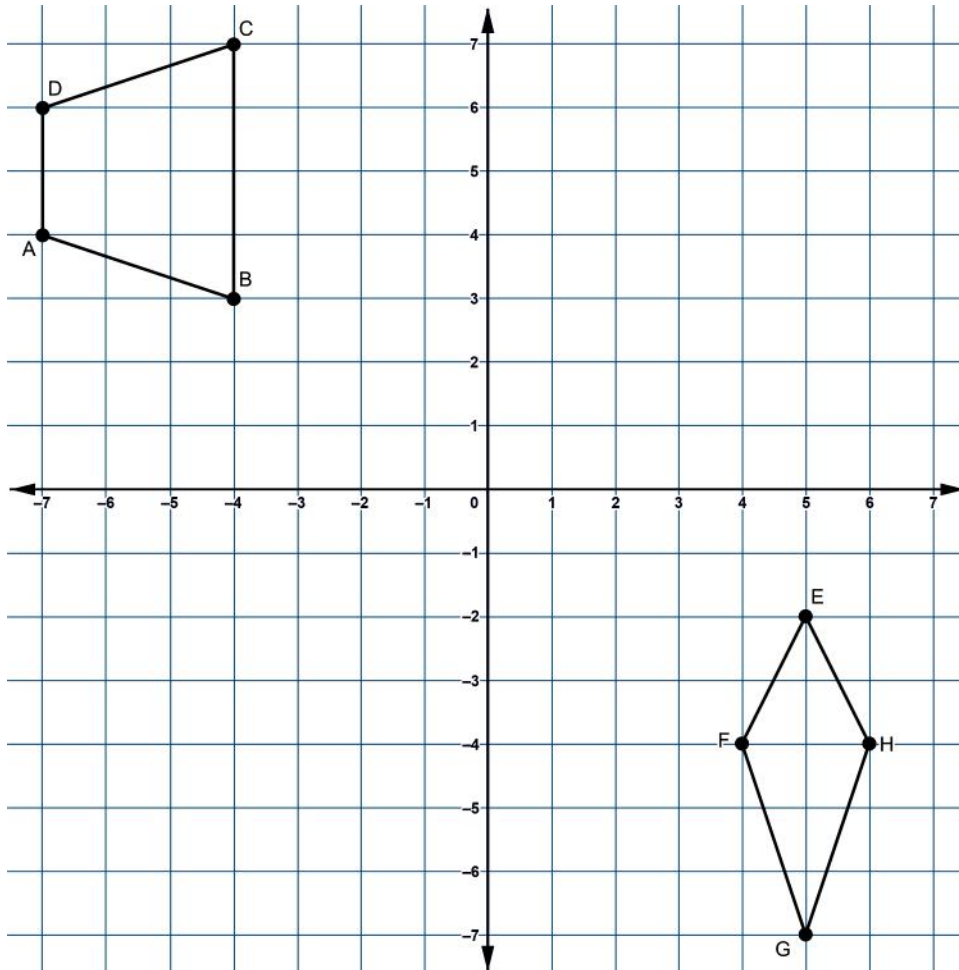


Translation of shapes in the coordinate plane

Grade 5 Geometry Worksheet

Solve the following.

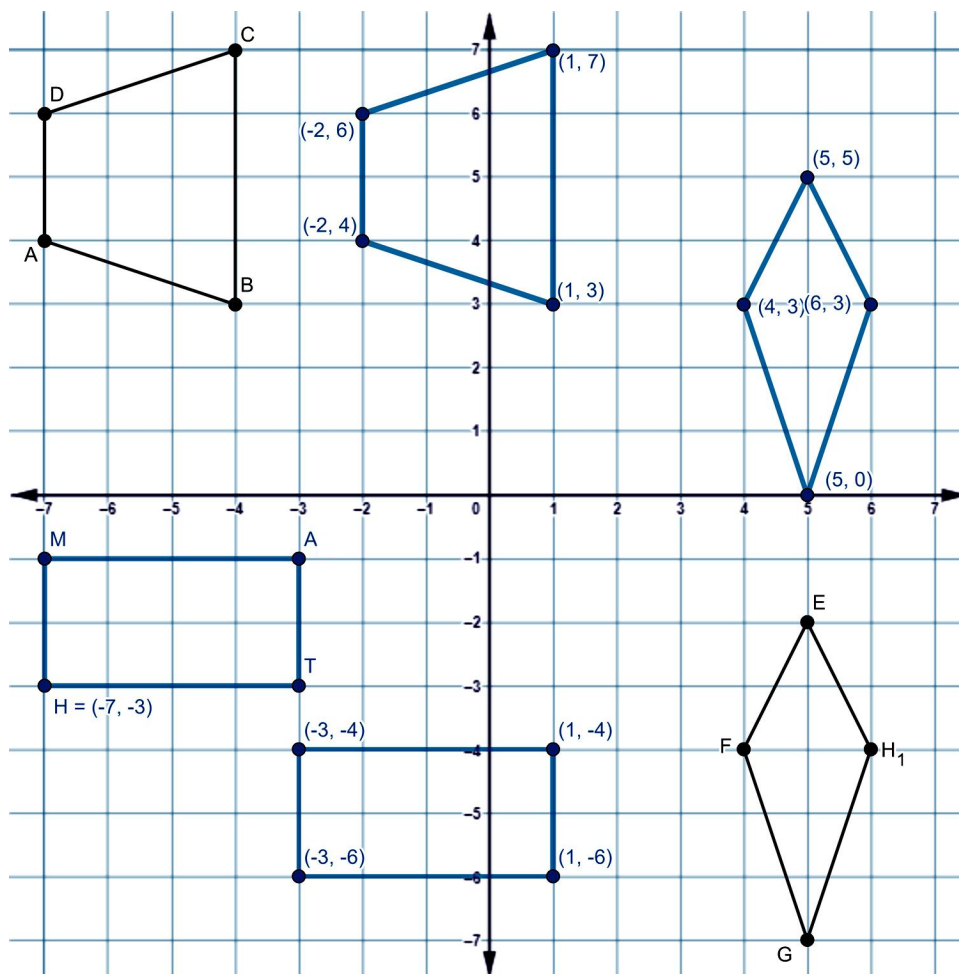


1. Translate the trapezoid ABCD 5 units to the right. Plot it and write the new coordinates of the trapezoid.
2. Translate the quadrilateral EFGH 7 units upward. Plot it in the coordinate plane and write the new coordinates of the of the quadrilateral.
3. If the coordinates of the vertices of a rectangle MATH is $M(-7,-1)$, $A(-3,-1)$ and $T(-3,-3)$, what is the coordinate point of H? _____
4. If the rectangle MATH is translated 3 units downward and 4 units to the right, what are the new coordinates of the rectangle? Plot these in the coordinate plane and write the new coordinates of the rectangle.

Translation of shapes in the coordinate plane

Grade 5 Geometry Worksheet

Solve the following.



1. Translate the trapezoid ABCD 5 units to the right. Plot it and write the new coordinates of the trapezoid.
2. Translate the quadrilateral EFGH 7 units upward. Plot it in the coordinate plane and write the new coordinates of the quadrilateral.
3. If the coordinates of the vertices of a rectangle MATH is $M(-7, -1)$, $A(-3, -1)$ and $T(-3, -3)$, what is the coordinate point of H? $(-7, -3)$
4. If the rectangle MATH is translated 3 units downward and 4 units to the right, what are the new coordinates of the rectangle? Plot these in the coordinate plane and write the new coordinates of the rectangle.