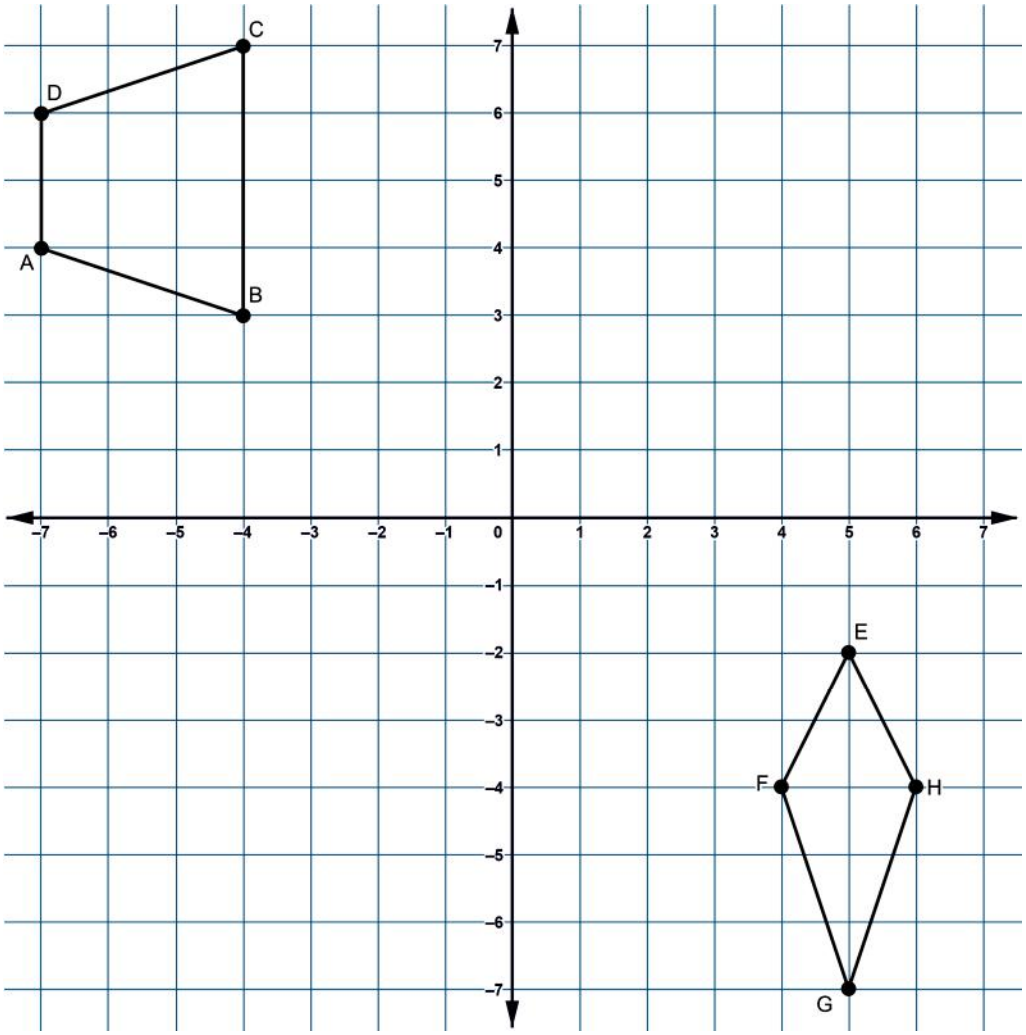
Translation of shapes in the coordinate plane

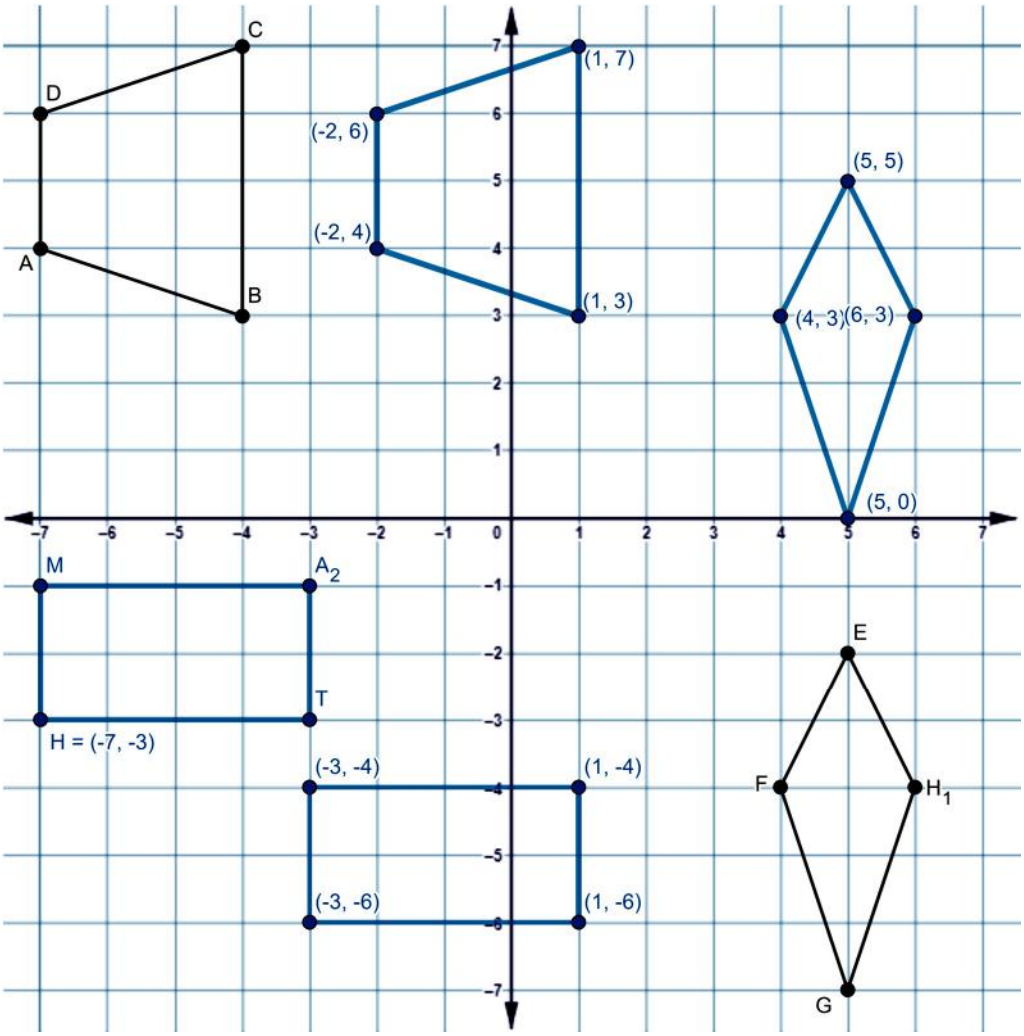
Grade 5 Geometry Worksheet

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.

Answers



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