

The statements are correct.

If my shape moves from $(5, 5)$ to $(10, 10)$ it
have moved 5 up and 5 right.

If my shape moves from $(4, 4)$ to $(8, 8)$ it
has moved 4 up and 4 right.

True

Both statements are correct. Children may see a pattern here to help them work out translations without counting jumps.