5.G Always, Sometimes, Never

Task

Decide whether each of these statements is always, sometimes, or never true. If it is sometimes true, draw and describe a figure for which the statement is true and another figure for which the statement is not true.

a. A rhombus is a square

b. A triangle is a parallelogram

c. A square is a parallelogram

d. A square is a rhombus

e. A parallelogram is a rectangle

f. A trapezoid is a quadrilateral