

1-94. $\frac{1}{535} \approx 0.0019$; No, this probability is very small.



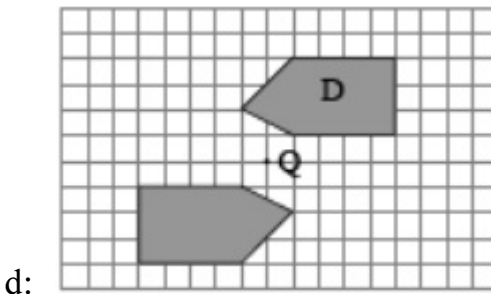
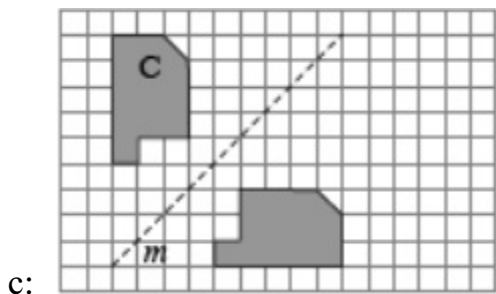
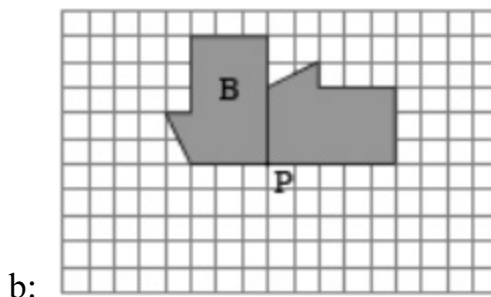
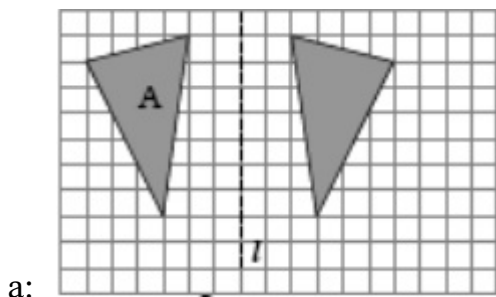
1-95. See below.

- a. (9, 3)
- b. (3, -3)
- c. (-2, -7)
- d. (-52, 1483)

1-96. See below.

- a. 10 square units
- b. 20 square units
- d. 208,680 square units

1-97. See solutions below.



1-98. See below.

- a. The orientation of the hexagon does not change.
- b. The orientation of the hexagon does not change.
- c. There are 6 lines of symmetry, through opposite vertices and through the midpoints of opposite sides.