

Worksheet

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Problem quickname: 9445

1)

Which of these statements are true?

- a) Every square is a parallelogram
 Every parallelogram is a triangle
 Every rectangle is a parallelogram
 Every rhombus is an ellipse
(Two statements are correct)
- b) Every square is a parallelogram
 Every triangle is an ellipse
 Every rhombus is a parallelogram
 Every rectangle is a square
(Two statements are correct)
- c) Every rhombus is a triangle
 Every square is a rectangle
 Every rhombus is a parallelogram
 Every square is an ellipse
(Two statements are correct)
- d) Every square is an ellipse
 Every square is a triangle
 Every triangle is a rhombus
 Every square is a parallelogram
(One statement is correct)
- e) Every triangle is a square
 Every square is a triangle
 Every triangle is a parallelogram
 Every square is a parallelogram
(One statement is correct)
- f) Every square is a triangle
 Every triangle is a square
 Every ellipse is a rectangle
 Every square is a rhombus
(One statement is correct)

2)

Which of these statements are true?

- a) Every ellipse is a square
 Every square is a rectangle
 Every rectangle is a square
- b) Every square is an ellipse
 Every rectangle is a square
 Every square is a rectangle
- c) Every square is an ellipse
 Every square is a rectangle
 Every ellipse is a square
- d) Every rectangle is a square
 Every square is a rectangle
 Every square is an ellipse

3)

Which of these statements are true?

- a) Every trapezoid is a rhombus
 Every rhombus is a trapezoid
 Every rhombus is a triangle
 Every rhombus is a parallelogram
(Two statements are correct)
- b) Every triangle is a trapezoid
 Every rhombus is a trapezoid
 Every parallelogram is a rhombus
 Every trapezoid is a parallelogram
(One statement is correct)

- c) Every trapezoid is a rhombus
 Every rhombus is a trapezoid
 Every parallelogram is a rhombus
 Every parallelogram is a trapezoid
(Two statements are correct)
- d) Every parallelogram is a rhombus
 Every trapezoid is a parallelogram
 Every rhombus is a parallelogram
 Every triangle is a rhombus
(One statement is correct)
- e) Every rhombus is a trapezoid
 Every rhombus is a parallelogram
 Every parallelogram is a triangle
 Every parallelogram is a rhombus
(Two statements are correct)
- f) Every rhombus is a triangle
 Every parallelogram is a trapezoid
 Every parallelogram is a rhombus
 Every rhombus is a trapezoid
(Two statements are correct)

4)

Which of these statements are true? There may be more than one.

- a) Every square is an ellipse
 Every triangle is a square
 Every square is a circle
 Every square is a rectangle
- b) Every square is a triangle
 Every circle is an ellipse
 Every circle is a square
 Every ellipse is a triangle

Good Luck!