

Example #1

- a) Square (\cong sides AND 90°)
- b) Rhombus (\cong sides)
- c) Square (Diag. bisect AND are \perp)
- d) Rhombus (Diag. bisect only)
- e) Rhombus (Diag. are \perp)
- f) Rectangle (Diag. are \cong only)

Example #2

- a) $y = 4$ (= each other)
- b) $x = 2$ (= each other)
- c) $x = 3$ (= each other)
- d) $x = 11$ (add up to 90°)
- e) $x = 7$ (add up to 180°) form a Δ .
- f) $x = 16$ (Isosceles Δ formed \rightarrow angles are =)

Example #3

- a) Rhombus \ni Square
- b) Rectangle \ni Square
- c) Rhombus \ni Square
- d) Rectangle, Rhombus \ni Square
- e) Rhombus \ni Square

ALL
parallelograms

Example #4

- a) Square
- b) Rhombus
- c) Rhombus