Mathematics

Diagonals in quadrilaterals
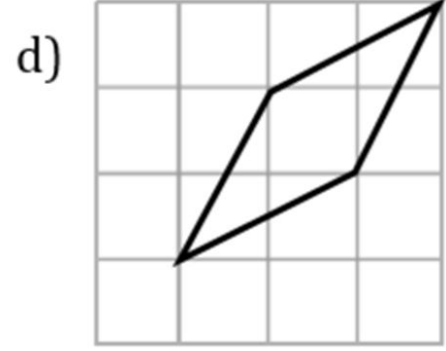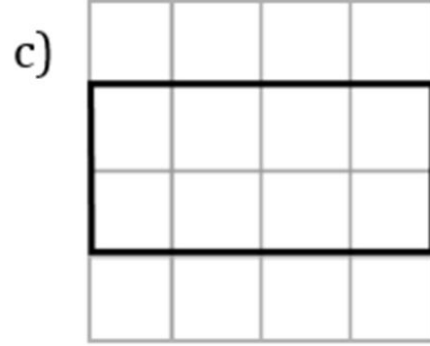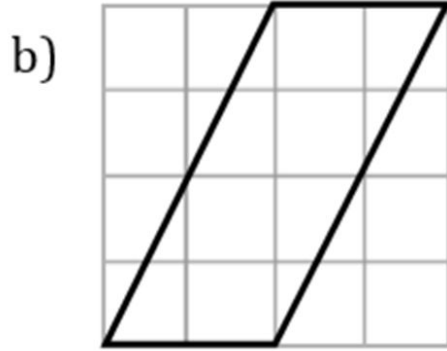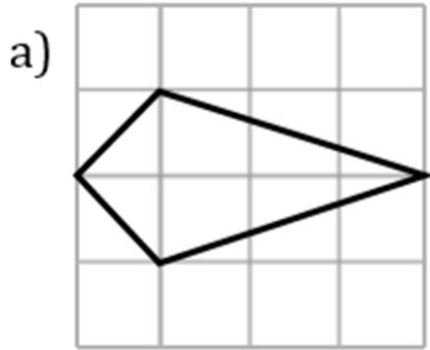
Independent Task

Miss Oreyomi

1. Copy each of the quadrilaterals and draw on their diagonals:

a)

b)

c)

d)

Questions

2. Copy and complete the following sentences that refer to the four shapes in Q1:

a) The diagonals in the _____ and the _____ are perpendicular.

b) The diagonals in the ____, _____, and the _____ have different lengths.

c) The diagonals in the _____ are the only diagonals that **do not** bisect each other.

Questions

3. Draw a quadrilateral different to the shapes in Q1 where:
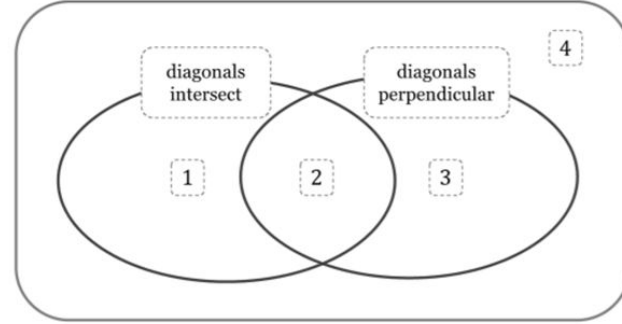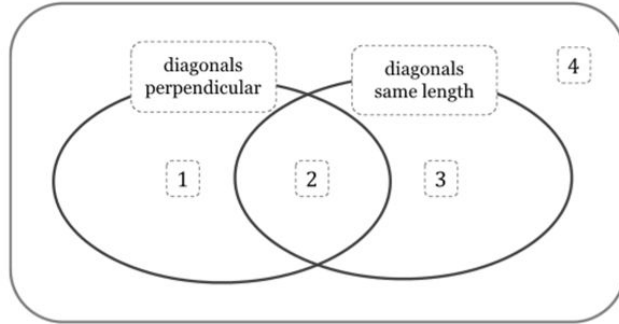
a) The diagonals are perpendicular

b) The diagonals bisect each other

c) The diagonals **do not** intersect

Questions

Draw a sketch of a quadrilateral for each of the numbered sections in the Venn Diagrams:

c)