MATHSGYM

ASSIGNMENT

QUADRILATERALS -2 – Class 6

Assignment No. 55 –

Date: 11/09/2020

Q1. Name the following quadrilaterals:

a. Quadrilateral KLMN such that KL = LM = MN = KN and $\angle$M = 90°.

_____.

b. Quadrilateral PQRS such that PQ = QR = RS = PS and $\angle$Q $\neq$ 90°.

_____.

c. Quadrilateral ABCD such that $\angle$A = $\angle$B = $\angle$C = $\angle$D = 90°, AB $\neq$ BC.

_____.

d. Quadrilateral DEFG such that DF is perpendicular to EG and DF = EG.

_____.

e. Quadrilateral PQRS such that PR is perpendicular to QS and PR $\neq$ QS.

_____.

f. Quadrilateral HIJK such that HJ is perpendicular to IK. HJ $\neq$ IK. HJ bisects IK but IK does not bisect HJ.

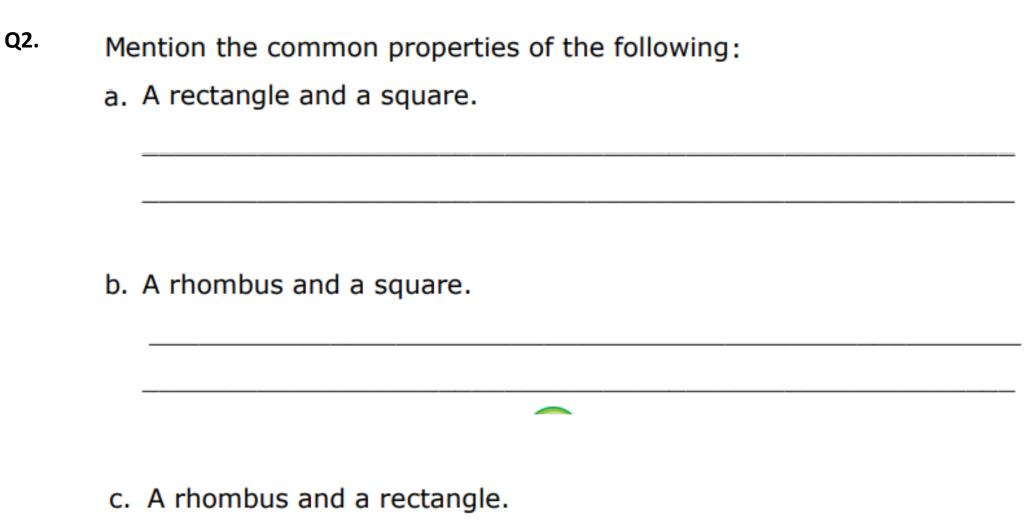_____.

g. Quadrilateral STUV such ST = SV and TU = UV.

_____.

h. Quadrilateral PQRS such that only PQ||RS and PS = QR.

_____.

Q2.   Mention the common properties of the following:

a. A rectangle and a square.

_____

_____

b. A rhombus and a square.

_____

_____

c. A rhombus and a rectangle.

_____

_____