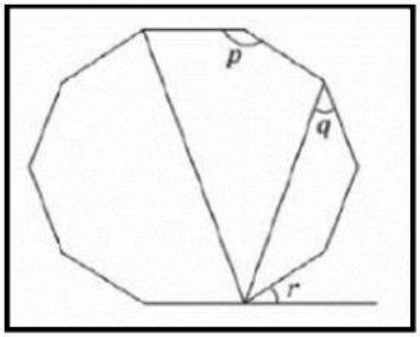
| NAME: | CLASS: |
|---|---|

# QUESTION 1

Diagram below shows a regular polygon.




Based on the diagram above:

a) State THREE (3) polygons involved and give the reason for your answer.

b) Give reasonable angles for p, q and r.

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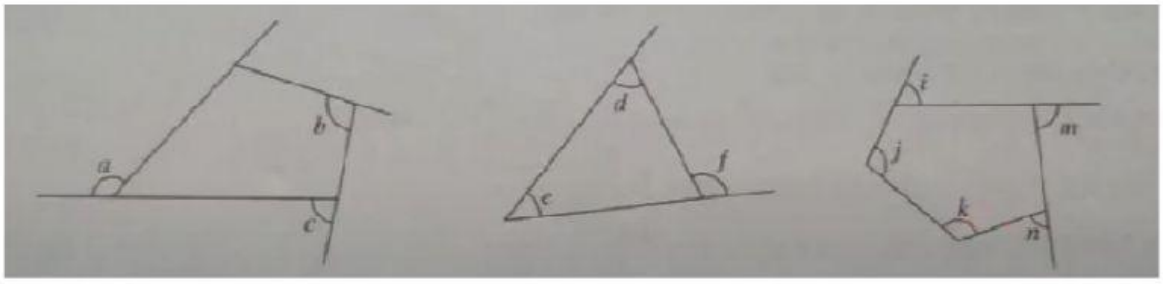
# QUESTION 2

Diagram below shows a polygon with angles.




a) Name of the polygons above and describe the numbers of sides, vertices and diagonals.

b) Classify the angles of each of the following polygons into interior and exterior angles.

c) State the sum of the interior angles of each polygon.

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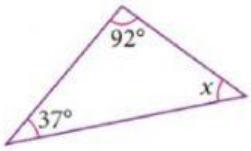
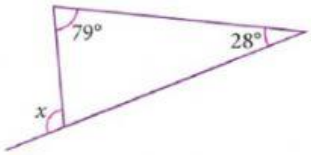
# QUESTION 3

**Find the value of x.**

| | |
|---|---|
| **A.** |  |
| **Answer** | |
| **B.** |  |
| **Answer** | |

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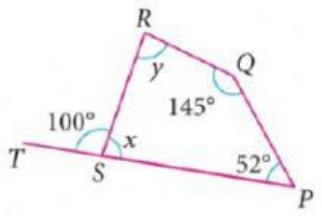
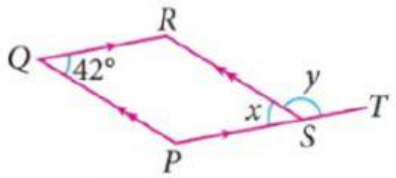
# QUESTION 4

In each of the following, PST is a straight line.

Calculate the values of x and y and state the  method solution used.

| | |
|---|---|
| **A.** |  |
| **Answer** | |
| **B.** |  |
| **Answer** | |

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