

**Grade 5 Math
Benchmark 3
District Formative Assessment**

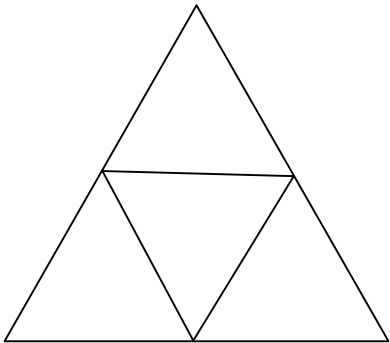
Name _____ Date _____

Teacher _____

G5.2M.C4.PO1 Investigate properties of Vertex Edge Graphs; Euler paths, Euler circuits, and degrees of a vertex.

_____/5

Use the figure to answer questions #1 and #2.



1) How many vertices does the figure have?

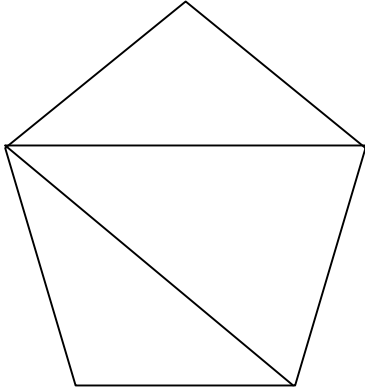
- a) 5
- b) 6
- c) 4
- d) 7

2) Identify the figure.

- a) Euler circuit
- b) Euler path
- c) neither

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Use the figure to answer questions #3 and #4.



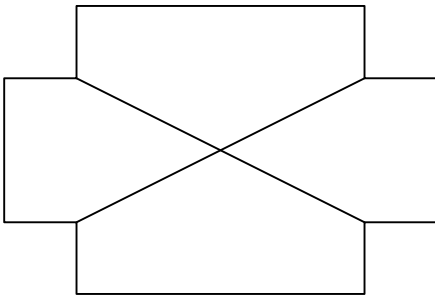
3) How many vertices have a degree of 3?

- a) 1
- b) 2
- c) 3
- d) 4

4) Identify the figure

- a) Euler Path
- b) Euler Circuit
- c) neither

Use the figure to answer question #5.



5) Identify the figure

- a) Euler Path
- b) Euler Circuit
- c) neither

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ANSWER KEY

G5.2M.C4.P01 Investigate properties of Vertex Edge Graphs; Euler paths, Euler circuits, and degrees of a vertex.

1) b

2) a

3) b

4) a

5) c