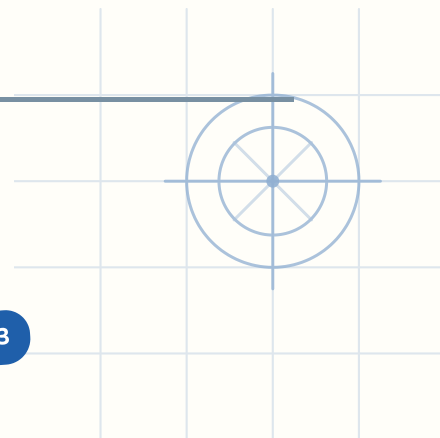


Solid parts — Faces, edges and vertices

Name: _____

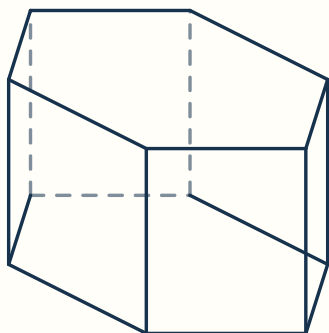
Date: _____

Hidden edges are dashed. Answer the question under each solid.



1

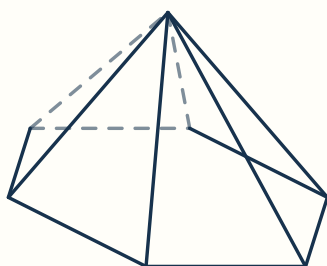
$E = 18, V = 12$



How many faces?

—

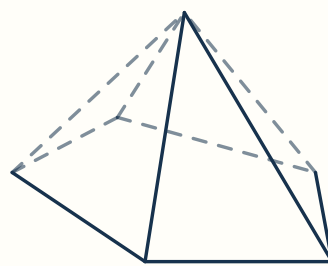
2



How many edges?

—

3

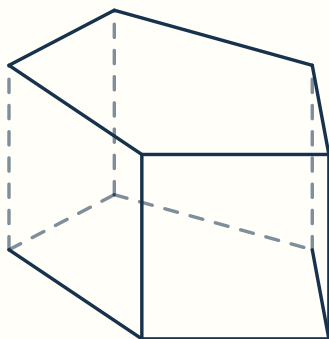


How many edges?

—

4

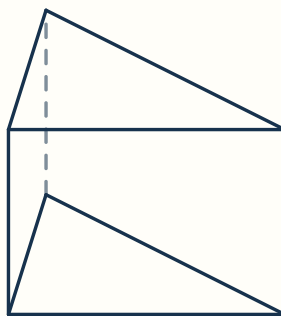
$E = 15, V = 10$



How many faces?

—

5

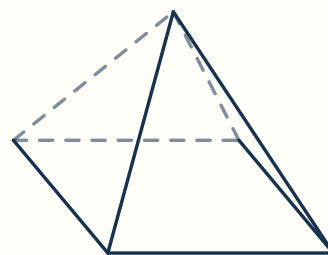


How many edges?

—

6

$E = 8, V = 5$



How many faces?

—



Solid parts · Faces, edges and vertices — Answer key

1. hexagonal prism, faces
(from the other two): 8

5. triangular prism, edges:
9
2. hexagonal pyramid,
edges: 12

6. square pyramid, faces
(from the other two): 5
3. pentagonal pyramid,
edges: 10

4. pentagonal prism, faces
(from the other two): 7

