

# THREE-DIMENSIONAL SHAPES

## A THREE-DIMENSIONAL SHAPES

### A.1 IDENTIFYING FLAT OR SOLID SHAPES

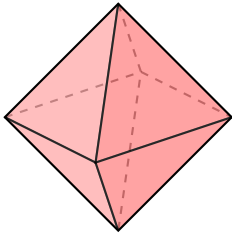
**MCQ 1:** Is this shape flat or solid?



Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

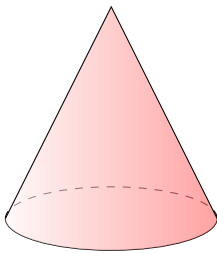
**MCQ 2:** Is this shape flat or solid?



Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

**MCQ 3:** Is this shape flat or solid?



Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

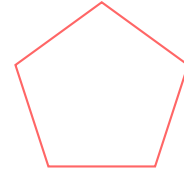
**MCQ 4:** Is this shape flat or solid?



Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

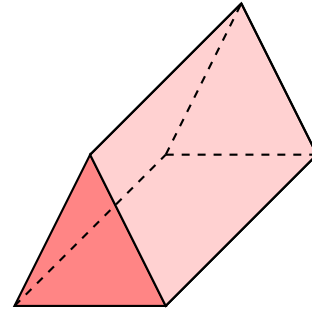
**MCQ 5:** Is this shape flat or solid?



Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

**MCQ 6:** Is this shape flat or solid?

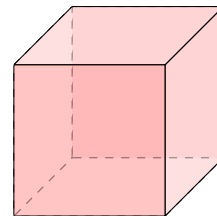


Pick the right answer:

- ☐ 2D shape
- ☐ 3D shape

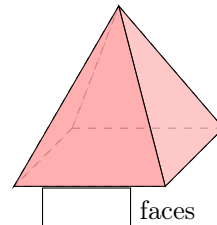
### A.2 COUNTING FACES

**Ex 7:** How many faces does this cube have?



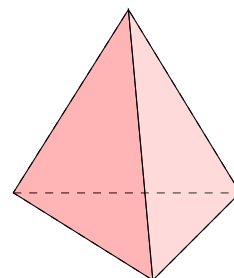
faces

**Ex 8:** How many faces does this square Pyramid have?



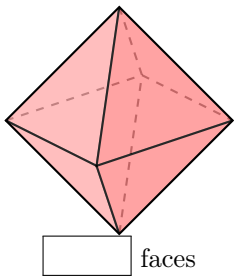
faces

**Ex 9:** How many faces does this triangular pyramid have?



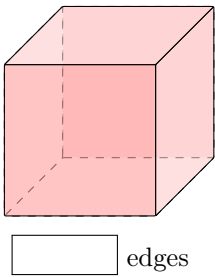
faces

Ex 10: How many faces does this eight-faced die have?

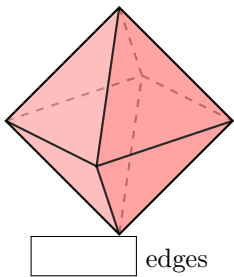


A.3 COUNTING EDGES

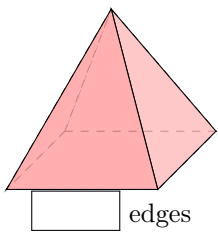
Ex 11: How many edges does this cube have?



Ex 12: How many edges does this eight-faced die have?

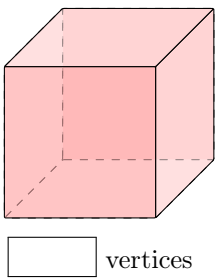


Ex 13: How many edges does this square Pyramid have?

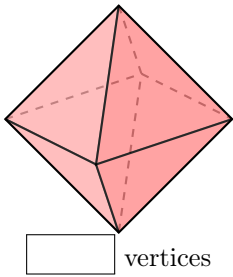


A.4 COUNTING VERTICES

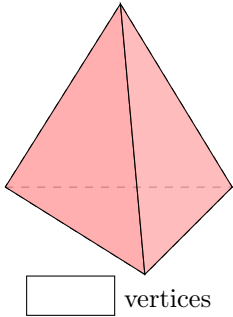
Ex 14: How many vertices does this cube have?



Ex 15: How many vertices does this eight-faced die have?



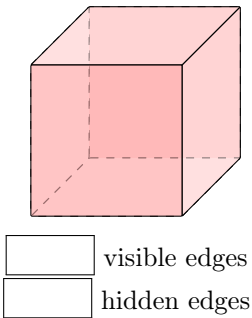
Ex 16: How many vertices does this triangular pyramid have?



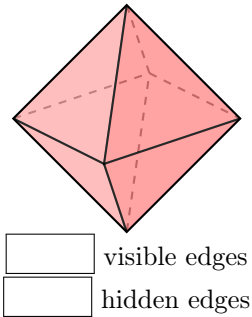
B DRAWING THREE-DIMENSIONAL SHAPES

B.1 COUNTING VISIBLE AND HIDDEN EDGES

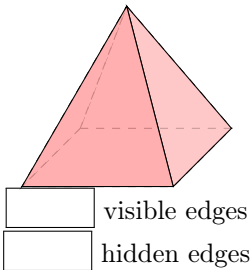
Ex 17: Count the number of visible and hidden edges on this cube



Ex 18: Count the number of visible and hidden edges on this eight-faced die.

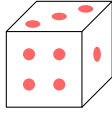


Ex 19: Count the number of visible and hidden edges on this square Pyramid.

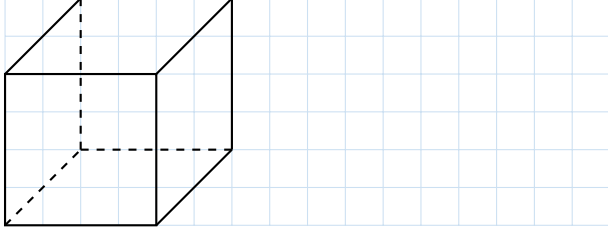


## B.2 DRAWING THREE-DIMENSIONAL SHAPES

Ex 20:



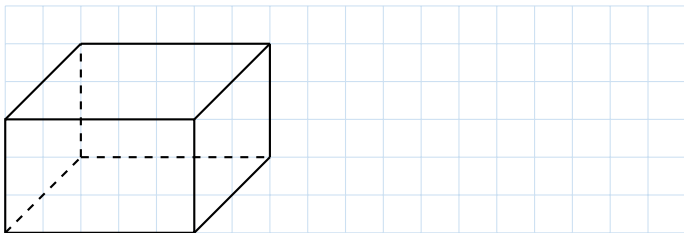
Draw this cube on your graph paper.



Ex 21:



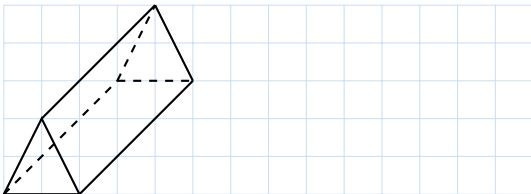
Draw this cube on your graph paper.



Ex 22:



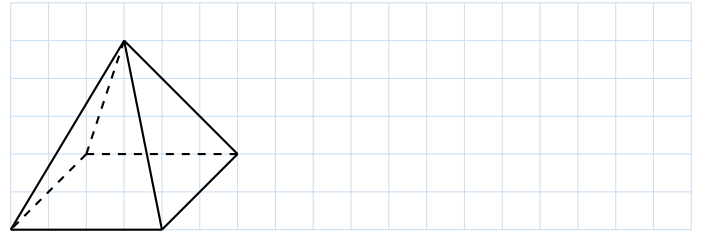
Draw this triangular prism on your graph paper.



Ex 23:



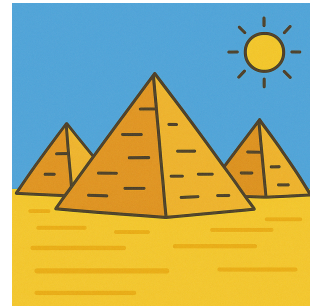
Draw this pyramid on your graph paper.



## C CLASSIFICATION

### C.1 FINDING THE SHAPES

Ex 24: Can you find all the pyramids in the picture?



pyramids

Ex 25: Can you find all the cubes in the picture?



cubes

Ex 26: Can you find all the spheres in the picture?



spheres