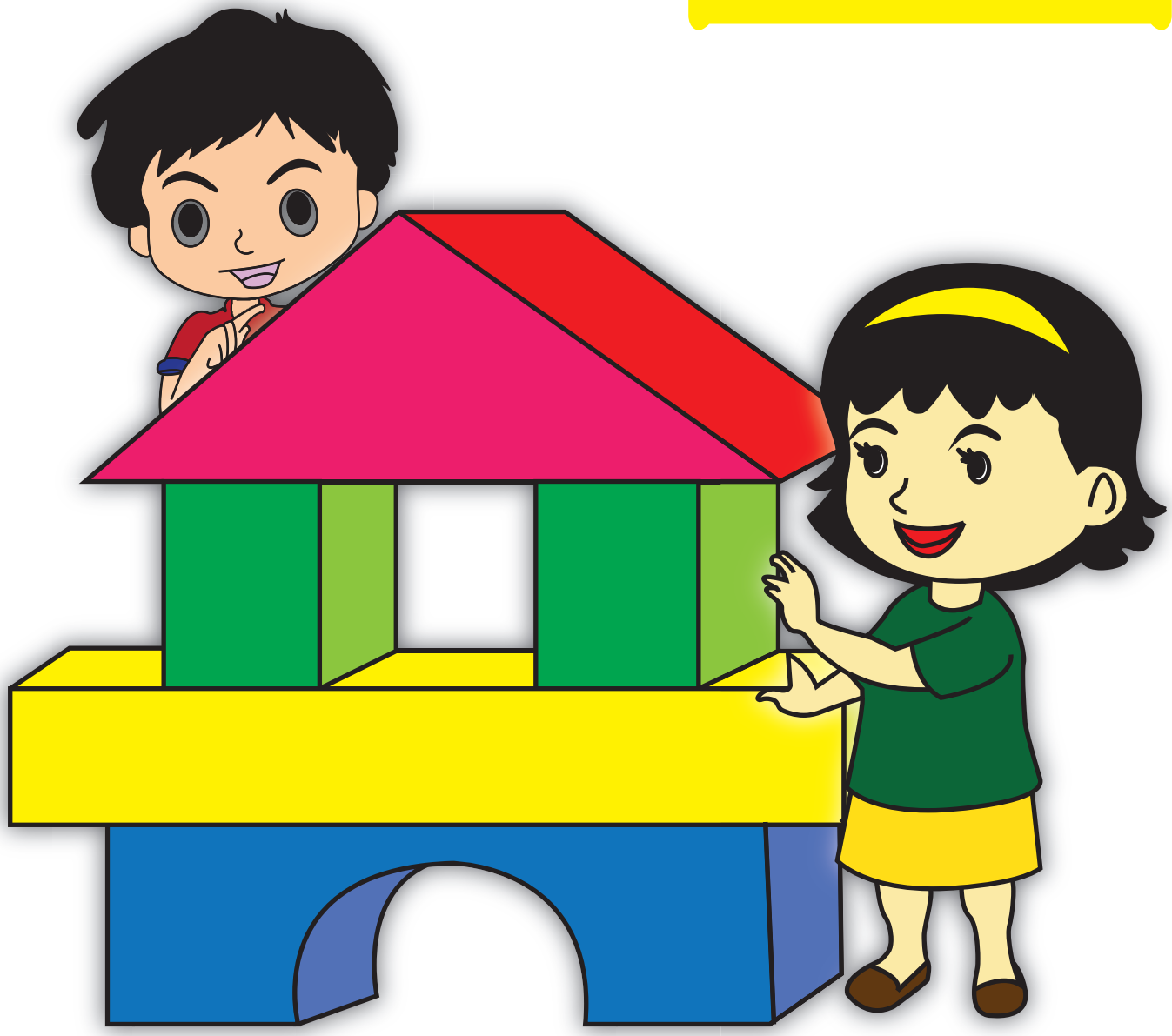
GRADE 1

GEOMETRY

WORKBOOK 2

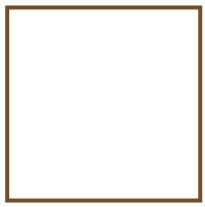


Composing 2-D shapes

Date _____

Choose from the below options, the new figures you get after decomposing each shape shown below.

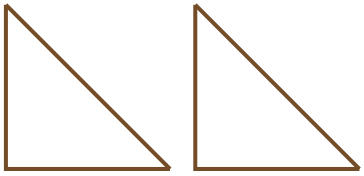
1)



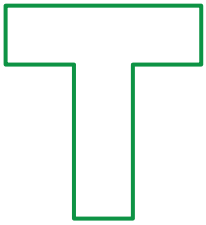
a)

b)

c)



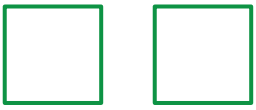
2)



a)

b)

c)



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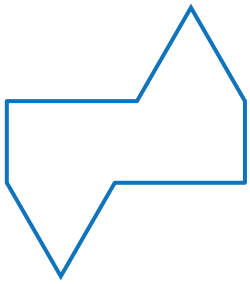


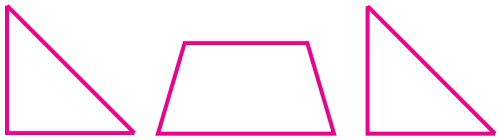
a)

b)

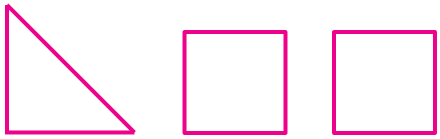
c)

4)

a)



b)

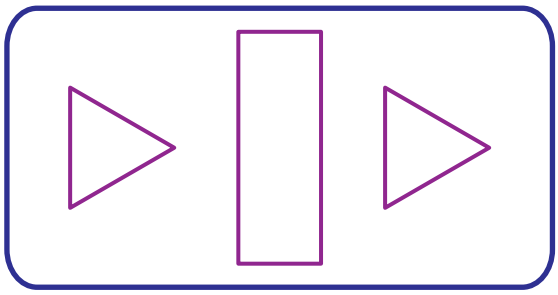


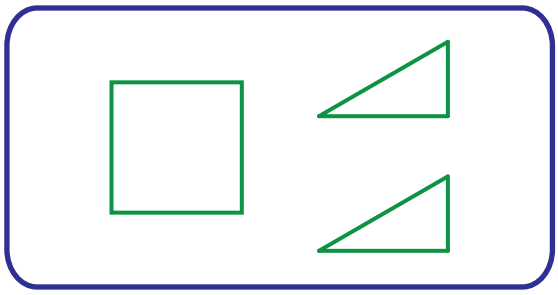
c)

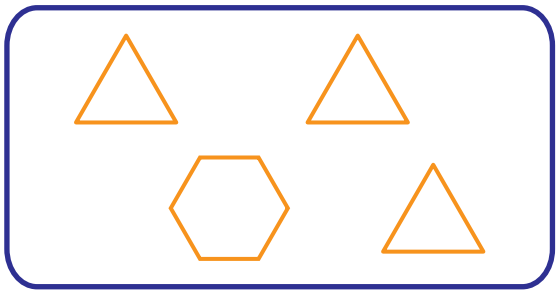
Composing 2-D shapes

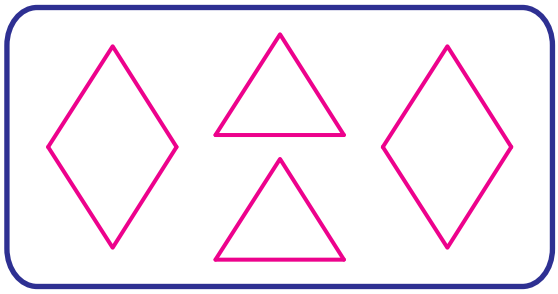
Date _____

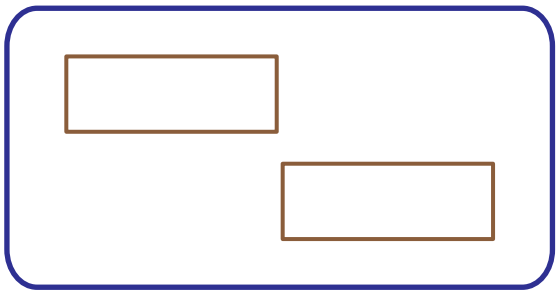
Match the following.

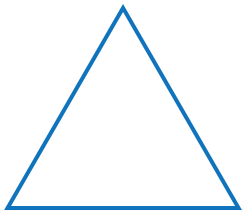
1) 

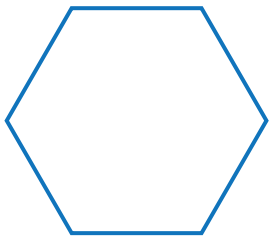
2) 

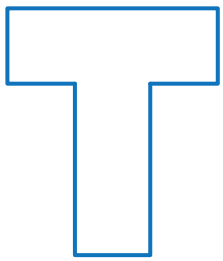
3) 

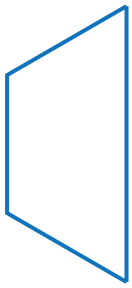
4) 

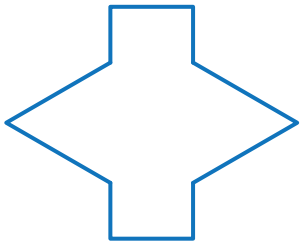
5) 







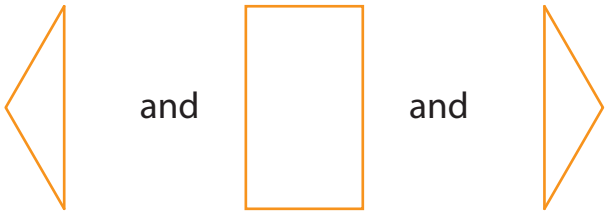




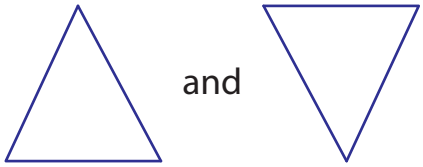
Composing 2-D shapes

Date _____

1) Join the given shapes to form a hexagon.

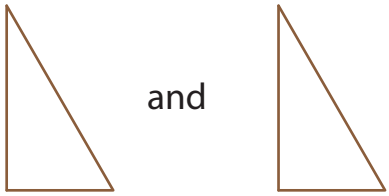


2) Join the given shapes to form a rhombus.



3) Join the given shapes to form a rectangle.

4) Join the given shapes to form a triangle.

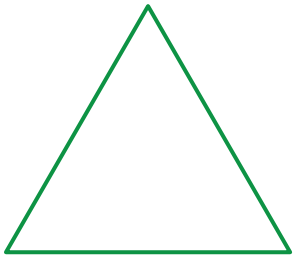


DECOMPOSING 2-D SHAPES

Date _____

Decompose each shape into two standard or regular shapes. (Answers may vary)

1)



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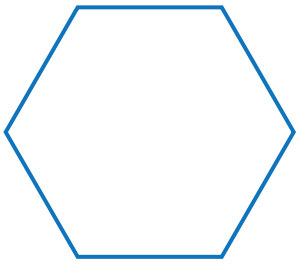
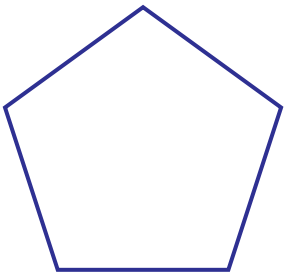
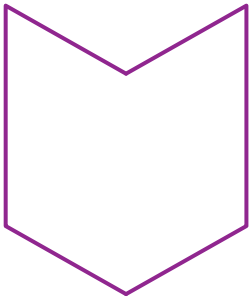


2)

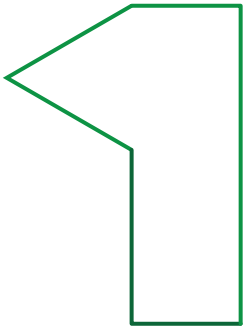


6)

3)



7)



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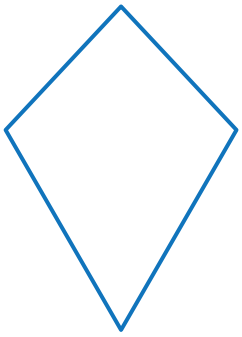


8)

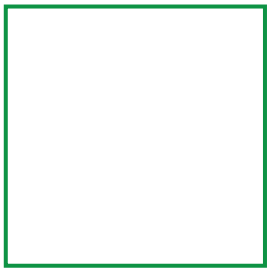
DECOMPOSING 2-D SHAPES

Date _____

Decompose each shape into three standard or regular shapes. (Answers may vary)

1)

2)



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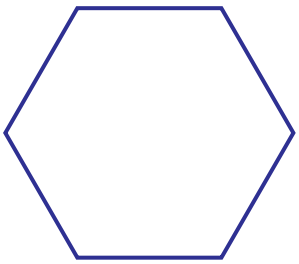

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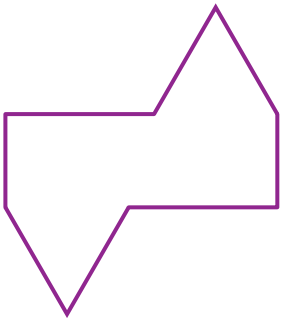

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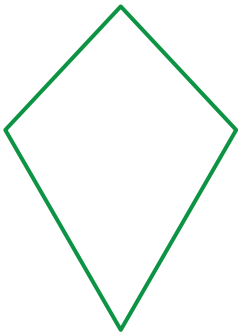
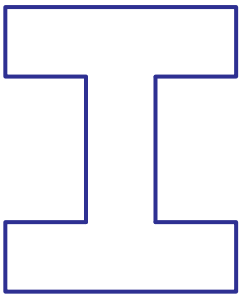


6)



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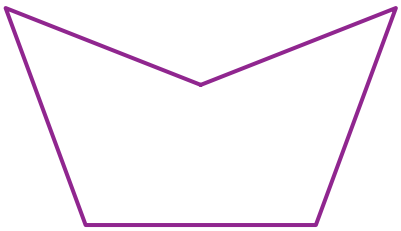

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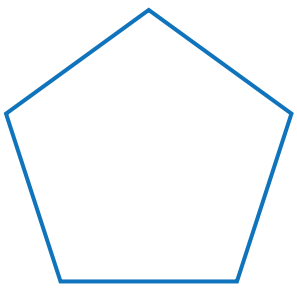

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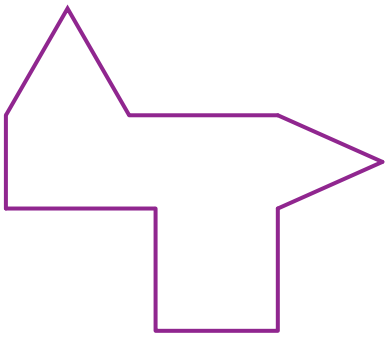
DECOMPOSING 2-D SHAPES

Date _____

Decompose each shape into four standard or regular shapes. (Answers may vary)

1)



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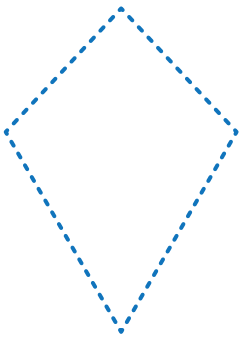

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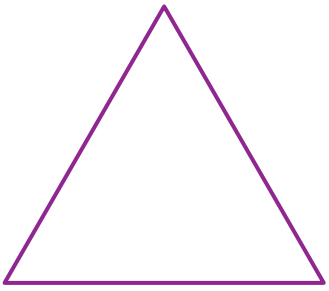
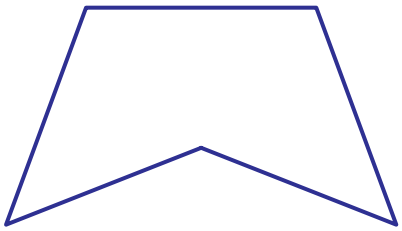
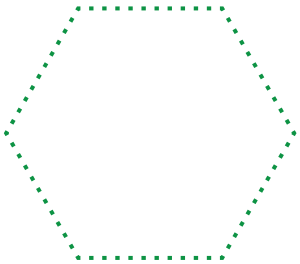


4)

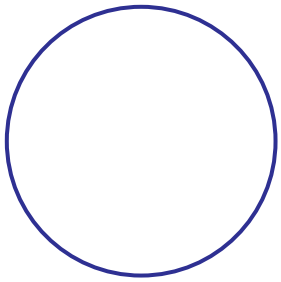
5)



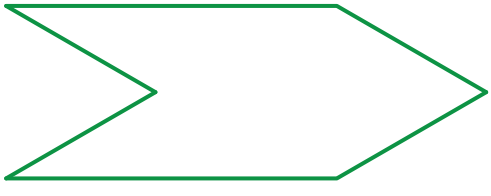
6)



7)



8)

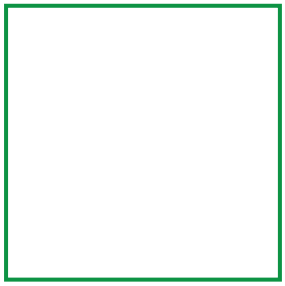


DECOMPOSING 2-D SHAPES

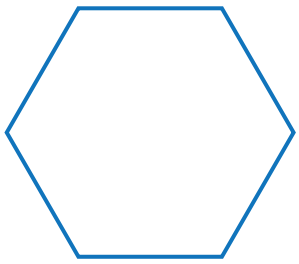
Date _____

(Answers may vary)

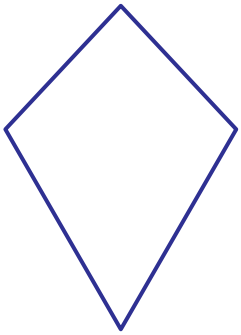
1) Decompose the square into 4 triangles.



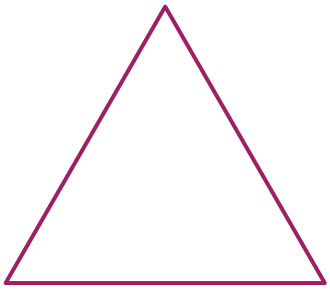
2) Decompose the hexagon into 3 rhombuses.



3) Decompose the kite into 4 triangles.

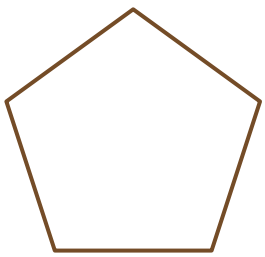


4) Decompose the triangle into a hexagon and 3 triangles.



5) Decompose the trapezoid into 2 triangles and a rectangle.

6) Decompose the pentagon into a trapezoid and a triangle.

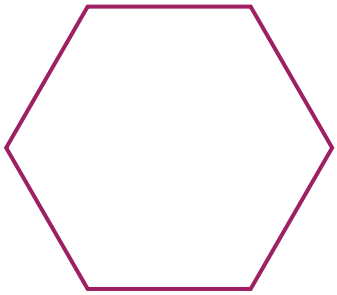


DECOMPOSING 2-D SHAPES

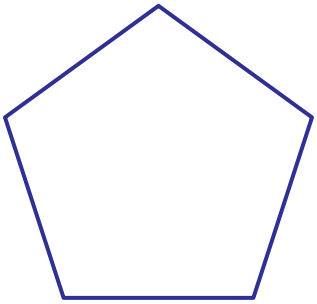
Date _____

(Answers may vary)

1) Decompose the square into a rhombus, a trapezoid and a triangle.



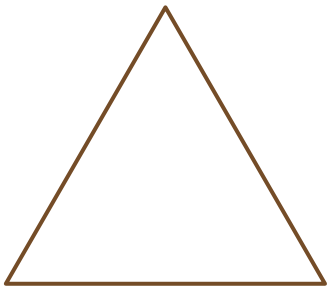
2) Decompose the pentagon into 4 triangles.



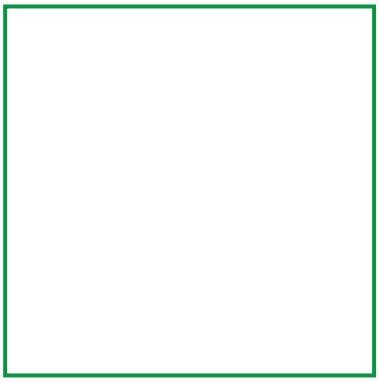
3) Decompose the parallelogram into 2 rhombuses.

4) Decompose the rectangle into 3 squares.

5) Decompose the triangle into 2 trapezoids and a triangle.



6) Decompose the square into 4 rectangles.

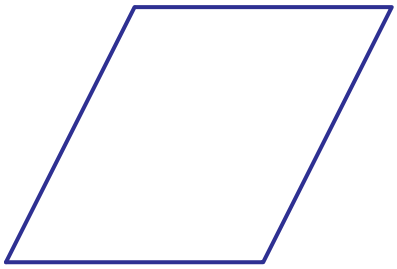


DECOMPOSING 2-D SHAPES

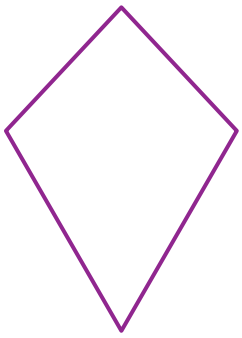
Date _____

(Answers may vary)

1) Decompose the rhombus into 2 triangles.

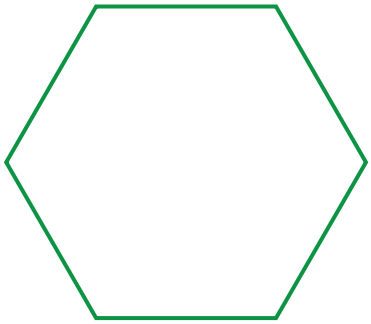


2) Decompose the kite into 3 triangles.

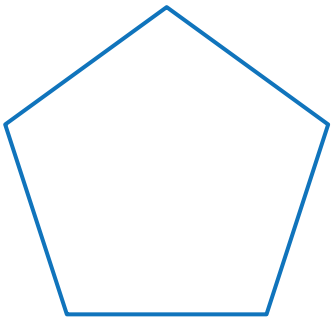


3) Decompose the rectangle into 2 triangles and a square.

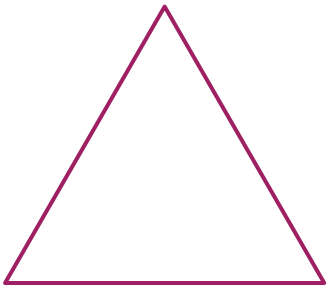
4) Decompose the hexagon into 2 rhombuses and 2 triangles.



5) Decompose the pentagon into 5 triangles.



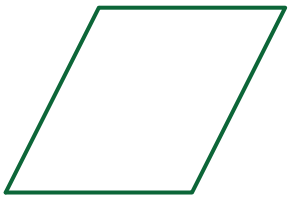
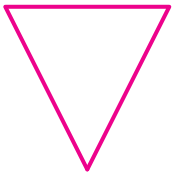
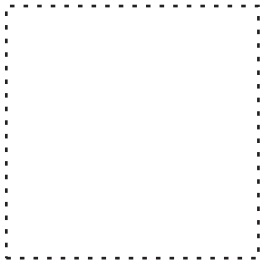
6) Decompose the triangle into a rhombus and 2 triangles.

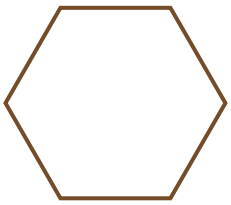
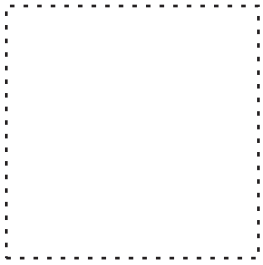


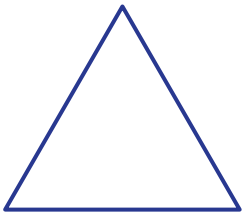
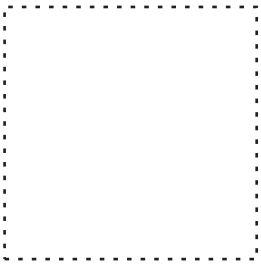
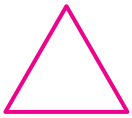
DECOMPOSING 2-D SHAPES

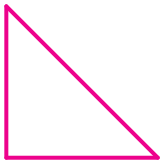
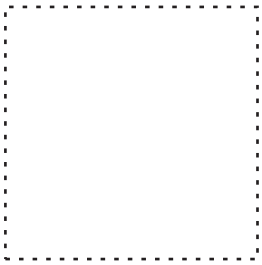
Date _____

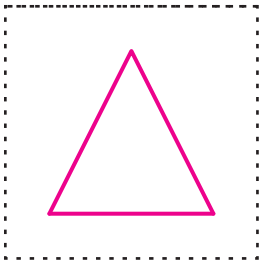
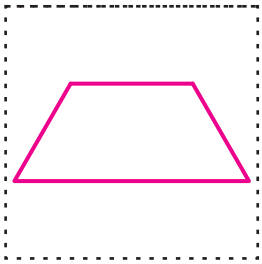
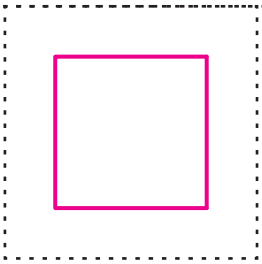
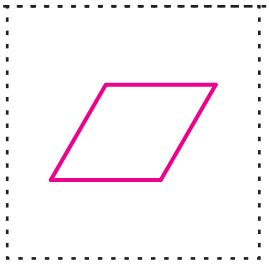
The original shapes are decomposed. Cut the decomposed shape and glue it in the appropriate box to form the original shape.

1)  =  + 

2)  = +  +

3)  =  + 

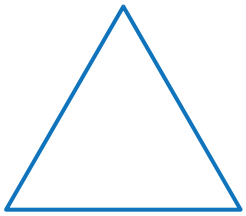
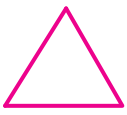
4) = +  + 

DECOMPOSING 2-D SHAPES

Date _____

The original shapes are decomposed. Cut the decomposed shape and glue it in the appropriate box to form the original shape.

1)  = + + 

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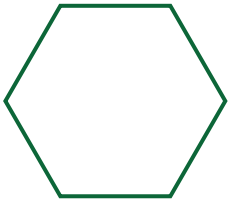
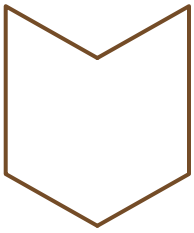
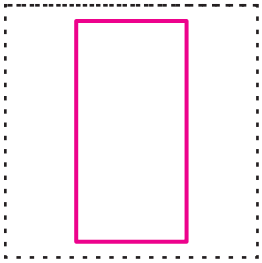
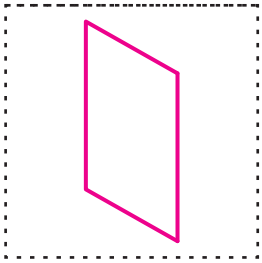
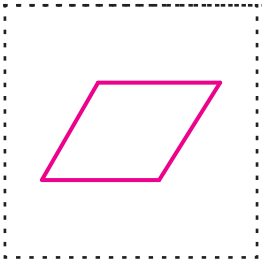
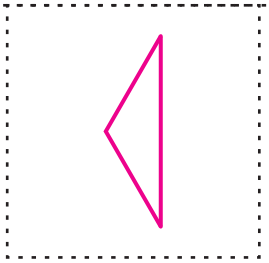
3)  = + +

4)  =

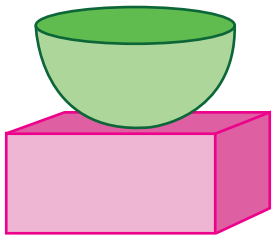





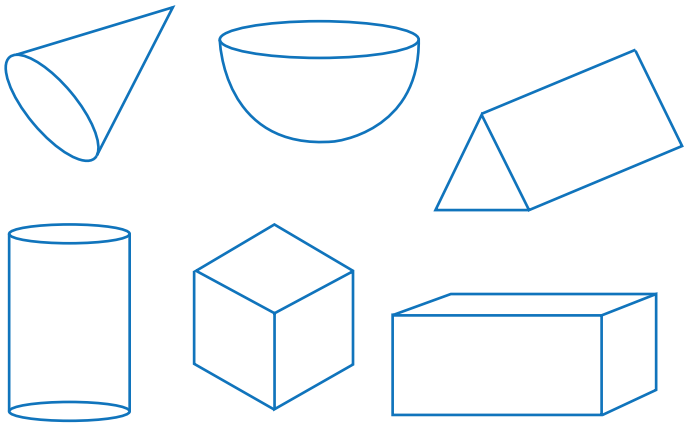
Composing 3-D shapes

Date _____

Color the 3-D shapes used in each question.

1)





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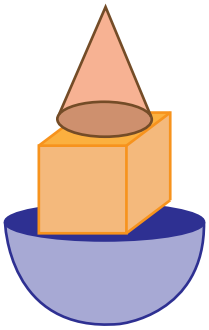
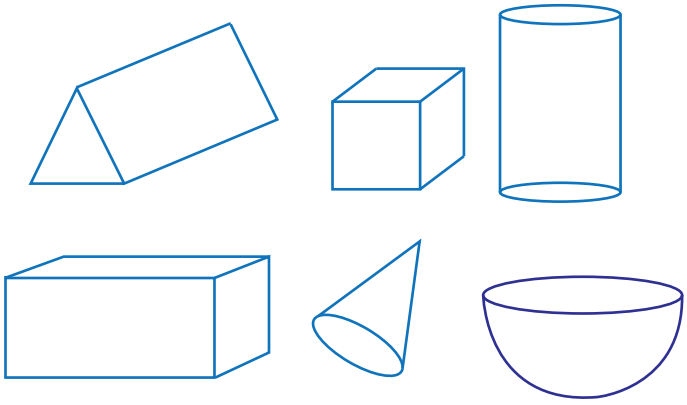
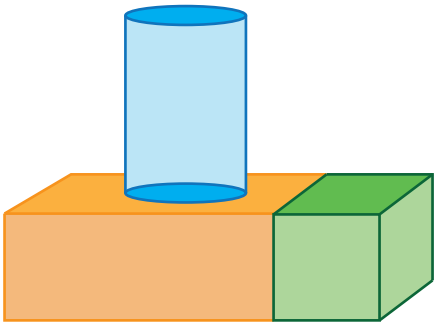
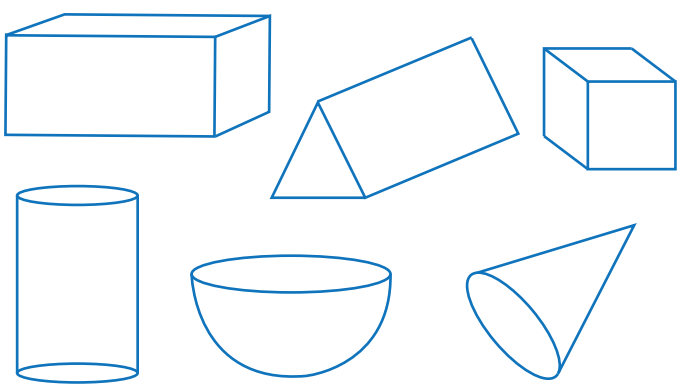




3)





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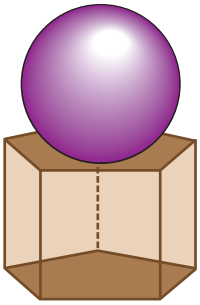
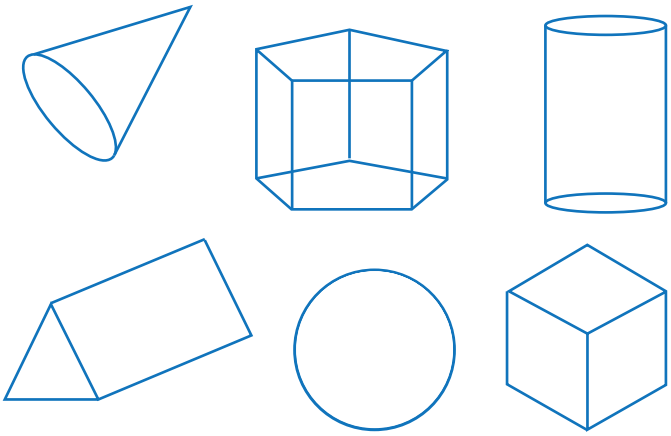


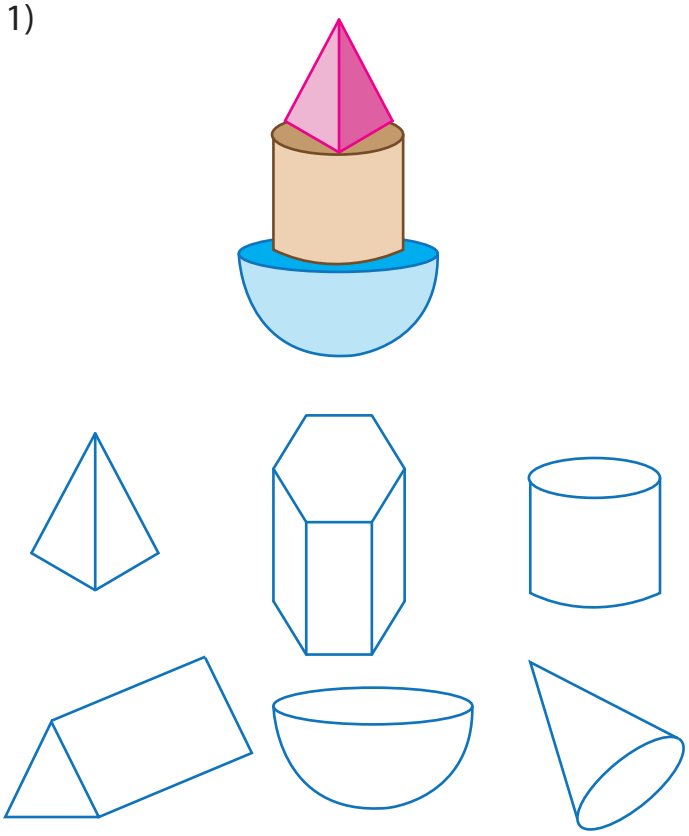


Composing 3-D shapes

Date _____

Color the 3-D shapes used in each question.

1)



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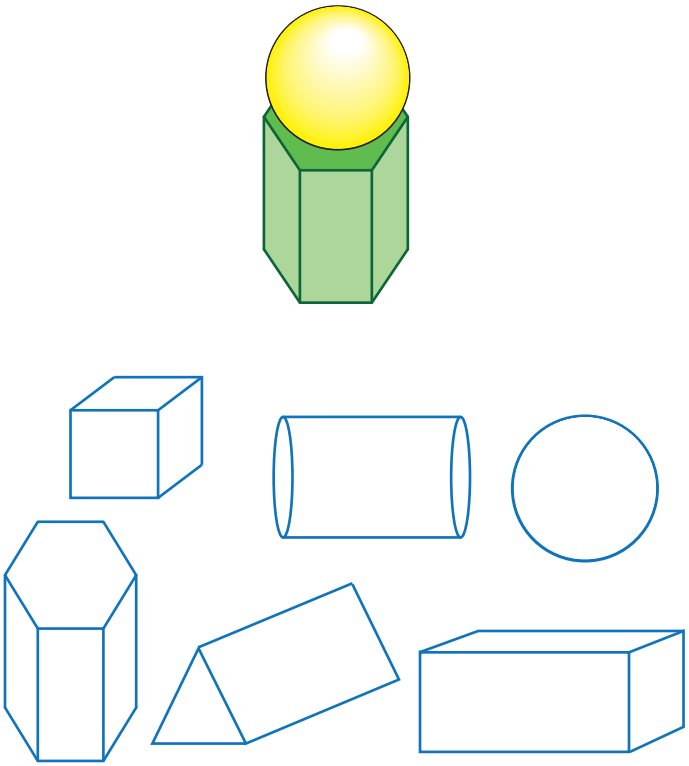

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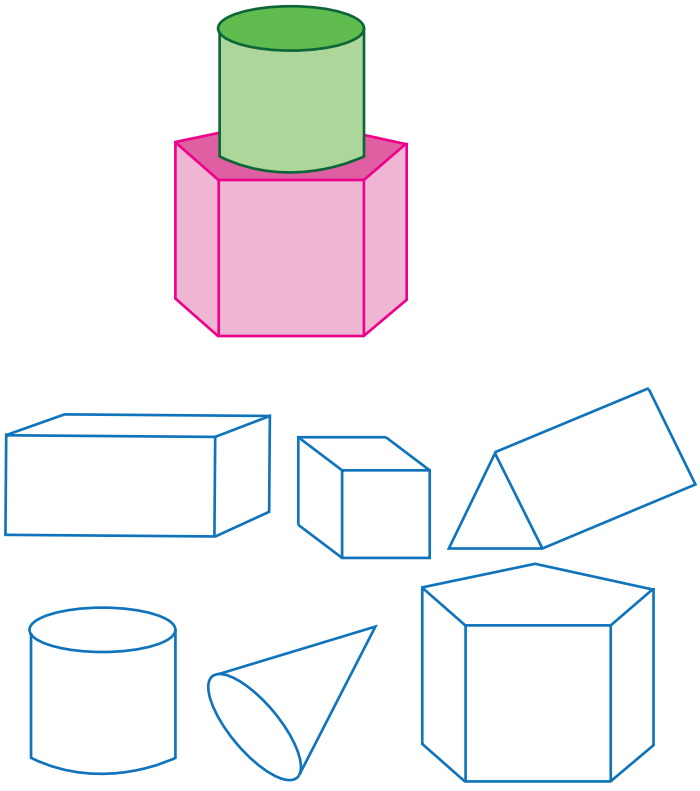

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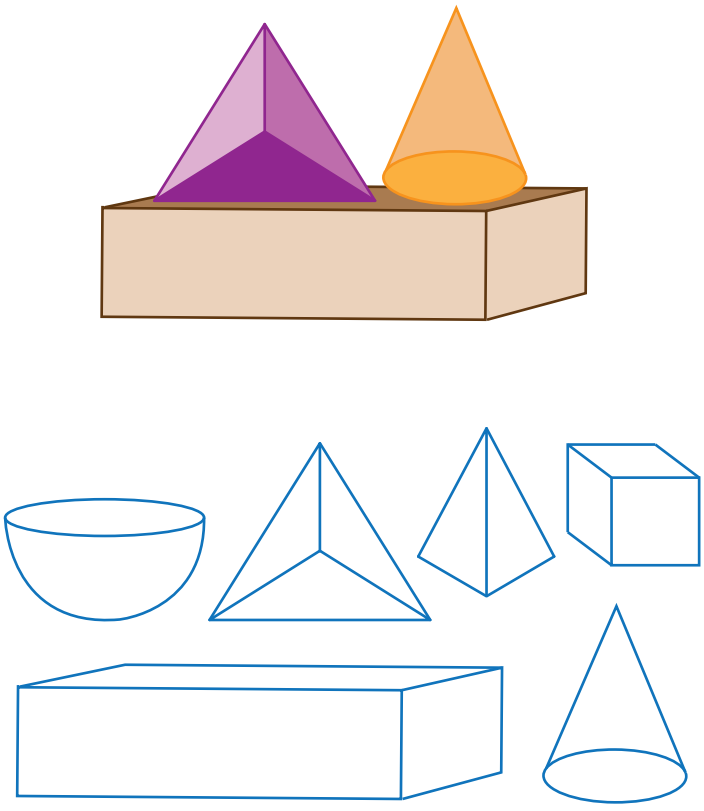
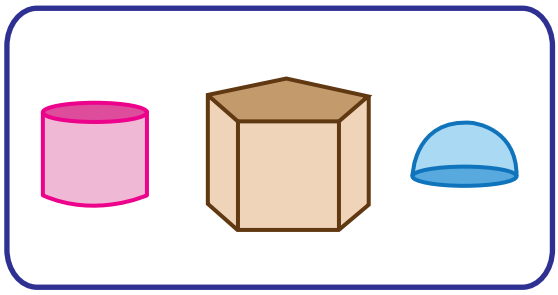
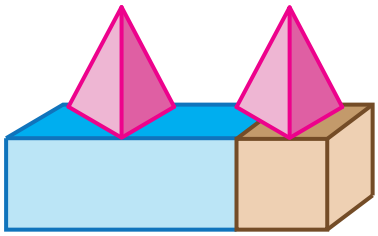


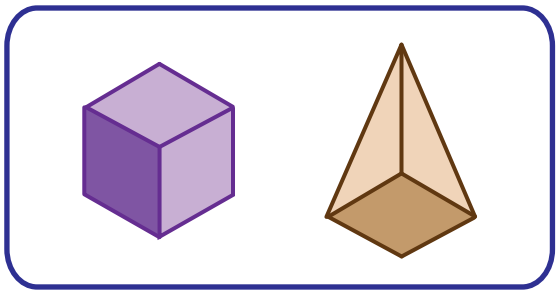
Composing 3-D shapes

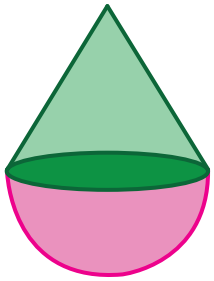
Date _____

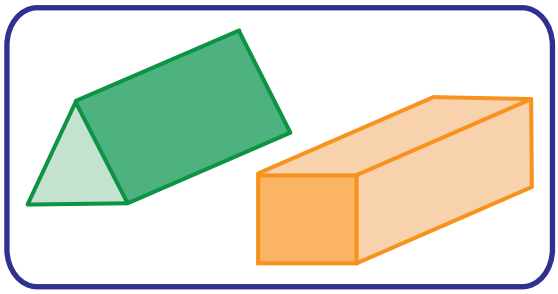
How have these shapes been used? Match the following.

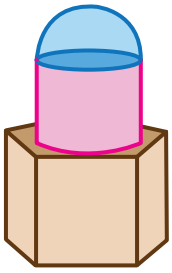
1) 

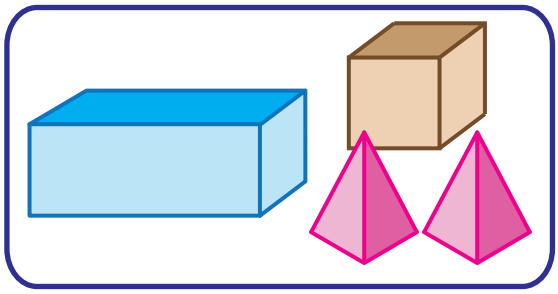


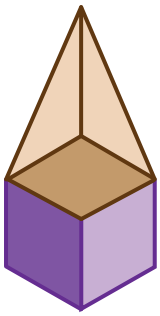
2) 

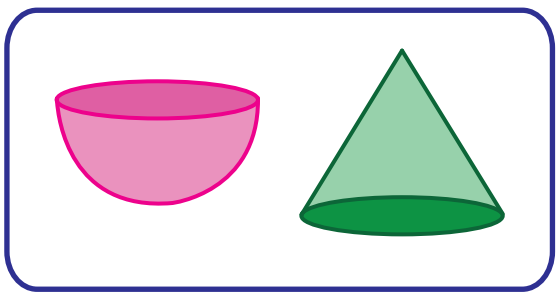


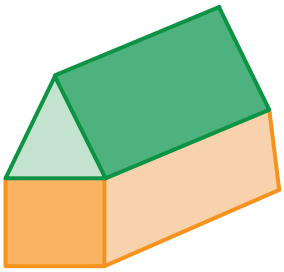
3) 



4) 



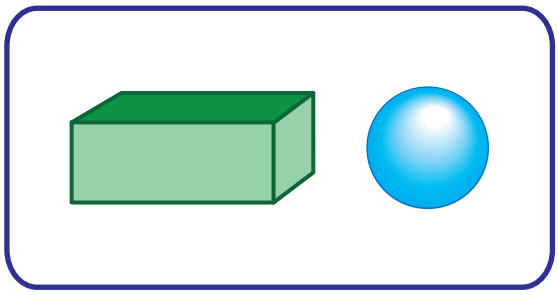
5) 

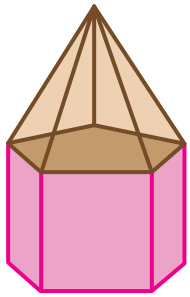


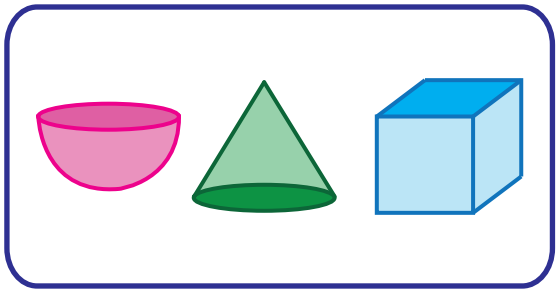
Composing 3-D shapes

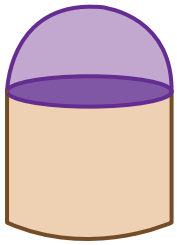
Date _____

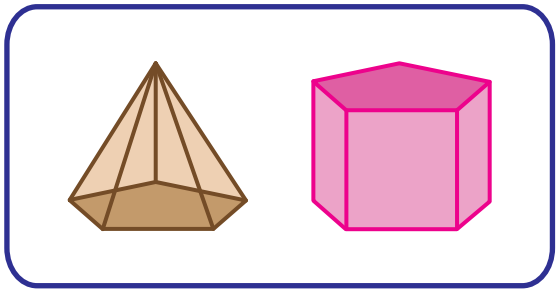
How have these shapes been used? Match the following.

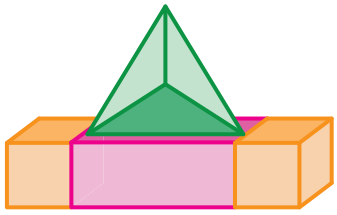
1) 

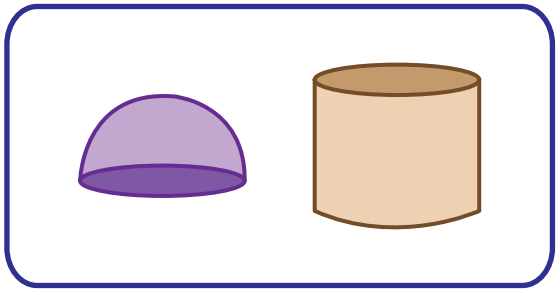


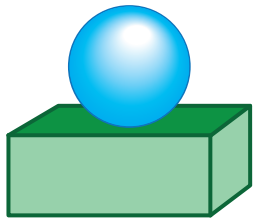
2) 

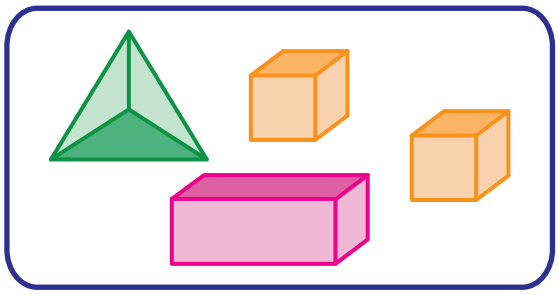


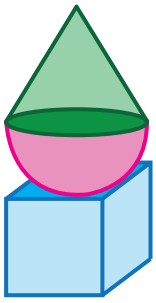
3) 



4) 



5) 



DECOMPOSING 3-D SHAPES

Date _____

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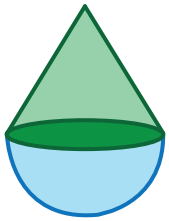
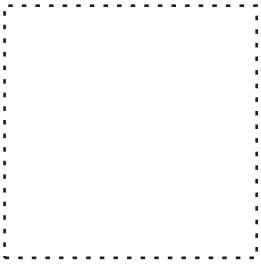
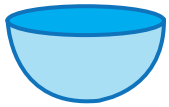
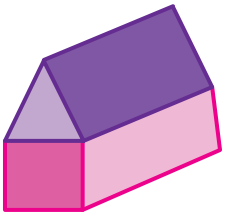
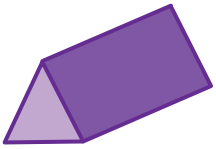
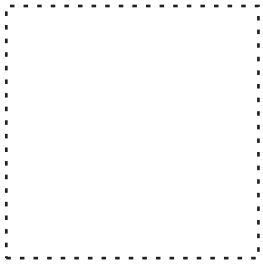
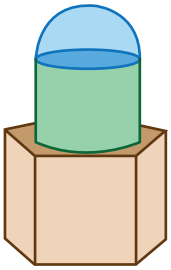
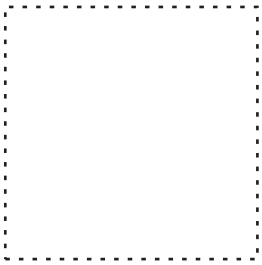
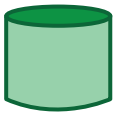
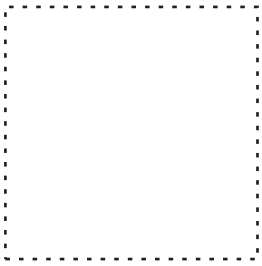
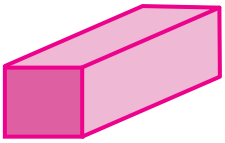
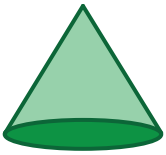
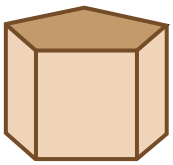
1)  =  + 

2)  =  + 

3)  = +  + 

4) = + + 



DECOMPOSING 3-D SHAPES

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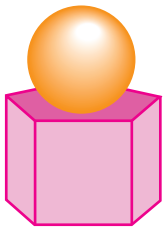
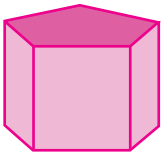
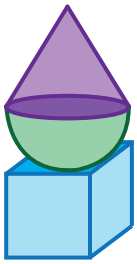
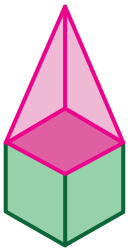
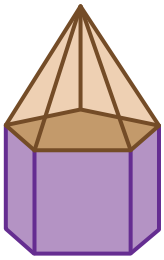
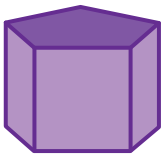
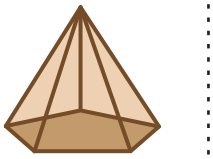
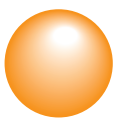
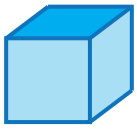
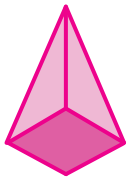
1)  =  + ⬚

2)  = ⬚ + +

3)  = ⬚ +

4)  =  + ⬚

 ⬚  ⬚  ⬚  ⬚

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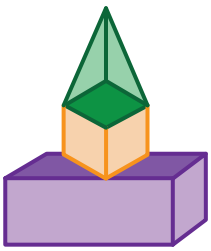
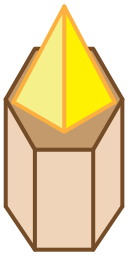
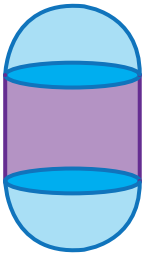
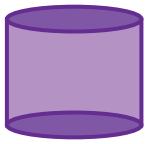
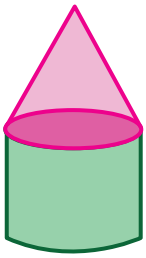
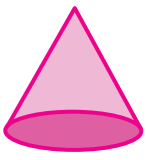
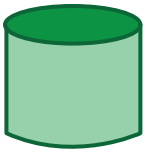
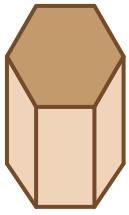
1)  = + +

2)  = +

3)  = +  +

4)  =

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