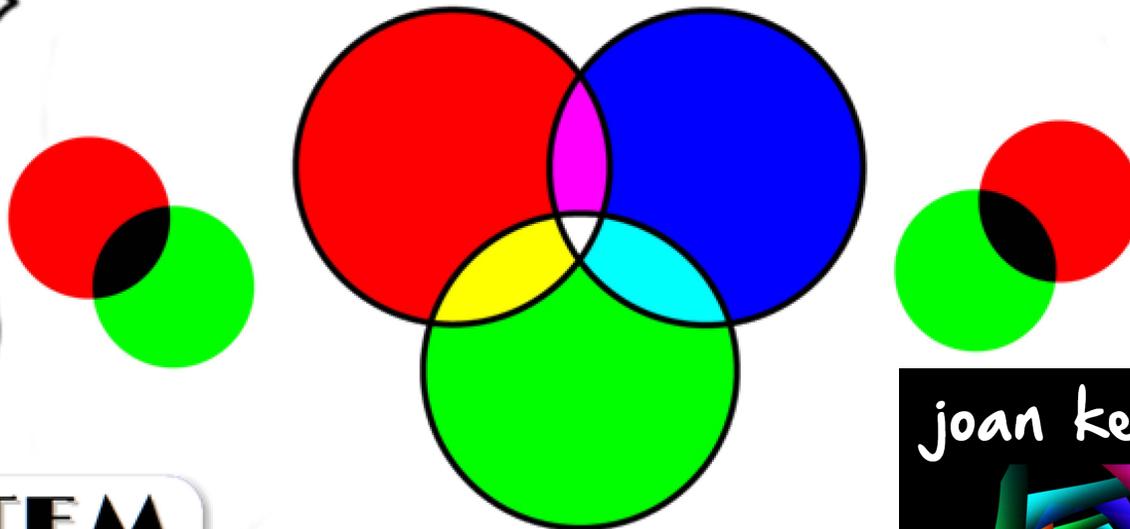


ALGEBRA

# VENN DIAGRAMS TASK CARDS



joan kessler



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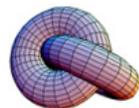


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# Product Description

In this engaging activity, students apply what they have learned about Union, Intersection, Complements, and Venn Diagrams to reinforce their skills. In this resource there are twenty-eight cards including two for you to customize. This lesson incorporates many levels of difficulty so that you can choose the cards that are appropriate for your differentiated class.

Cards # 1 – 5 display the intersection of two sets, A and B, and a shaded region. Students analyze the shaded region to determine its notational description. These are the easiest cards and they get more difficult as the numbers go up.

Cards #6 – 10 have three sets, A, B, and C with fairly basic shaded regions.

Cards #11 – 22 have three sets and are a little more complicated.

Cards #23– 24 have three sets and use the complements.

Cards #25– 26 ask students to shade in the described region.

Also included are student recording sheets and the Answer Keys.



# Ideas for Task Cards

First, print the cards on card stock. These also print out well in black and white. Laminating will keep them fresh for year. Print a copy of the student recording sheet for each student.

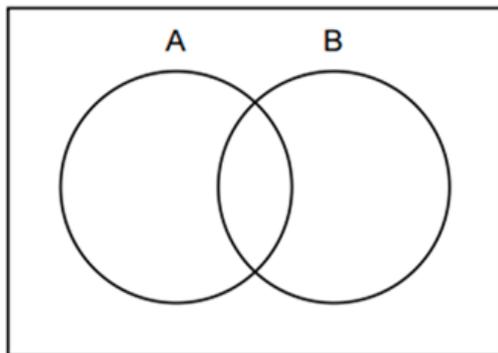
There are multiple ways to use these task cards in your classroom. Students can work alone, randomly pair up, or work in small groups. When students work in pairs or small groups, give as many task cards as there are students. This way they can help each other, work together, and each student has a task. After a few minutes, depending upon the difficulty level and your experience, each group passes their cards to the next group. The cards are number coded by type. You might want to give each group one of each type .

You may also set up math centers or stations with these cards. If you are new to task cards please download a free product which describes and explains Task Cards. It is full of great ideas written by a great teacher. Here is a shortened link to it. <http://bit.ly/Ynswzt>

Email me if there are any questions.

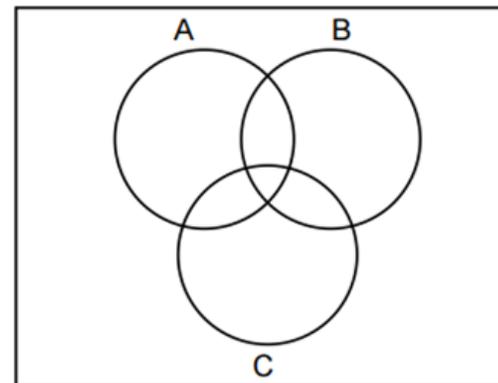


Name the shaded regions  
for the Venn Diagrams.  
Use proper notation.



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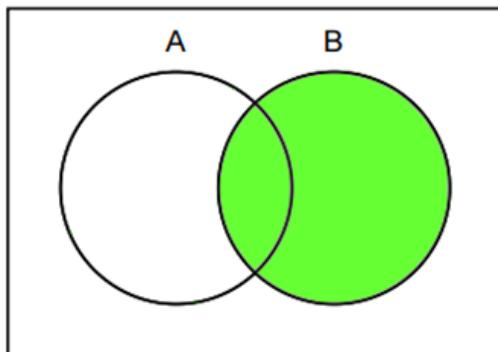
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**1.**

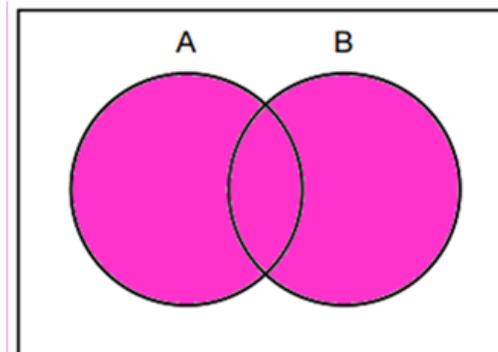
Name the shaded regions  
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**2.**

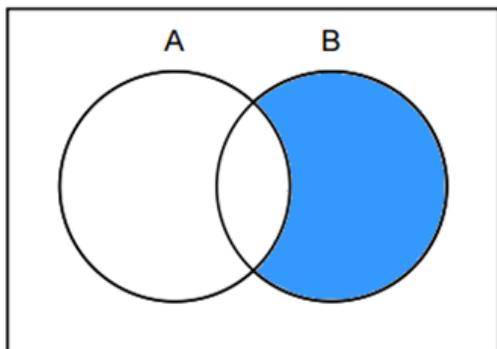
Name the shaded regions  
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Use proper notation.



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# 3.

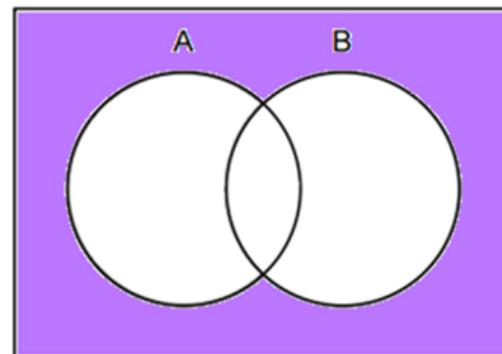
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Use proper notation.



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# 4.

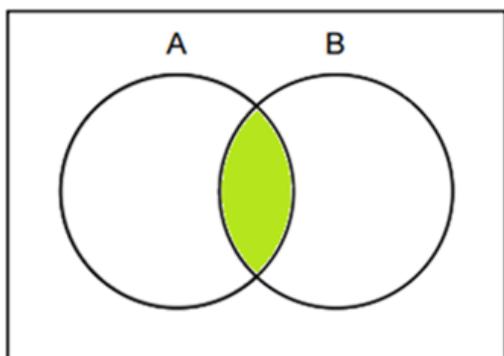
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 5.

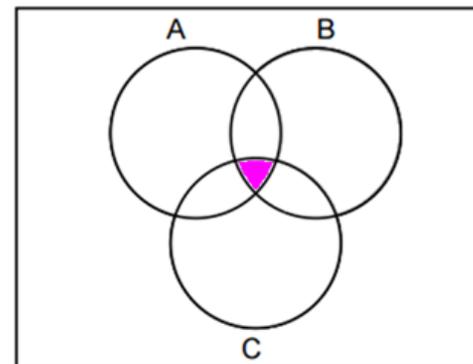
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 6.

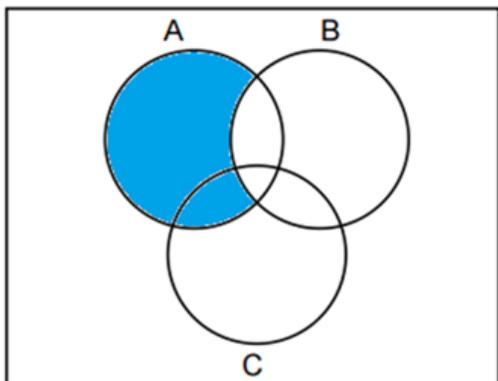
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 7.

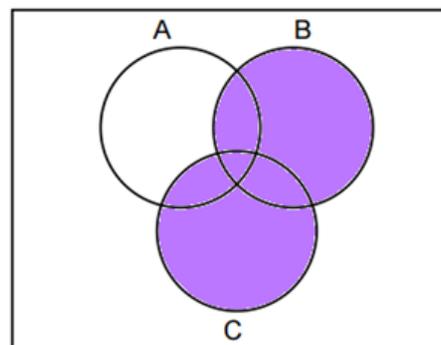
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 8.

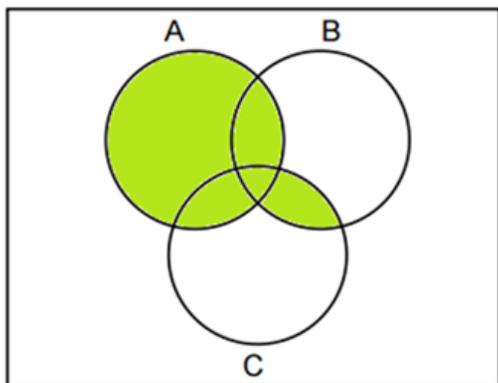
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 9.

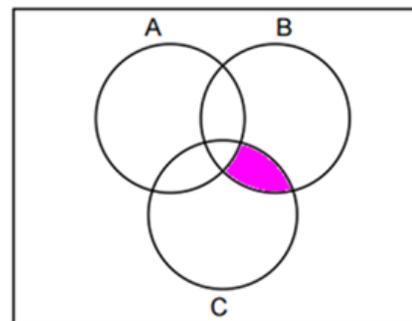
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 10.

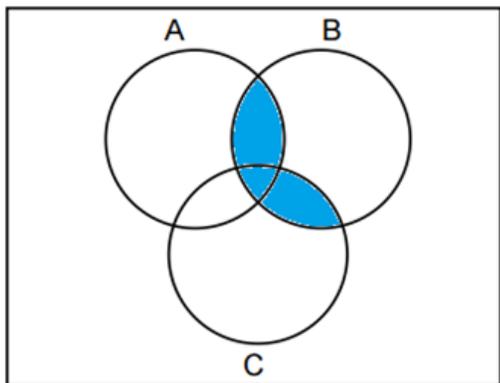
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 11.

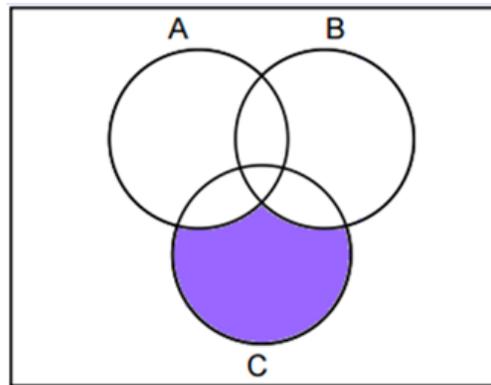
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 12.

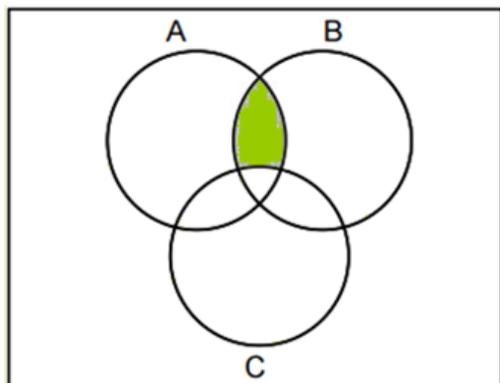
Name the shaded regions for the Venn Diagrams.  
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# 13.

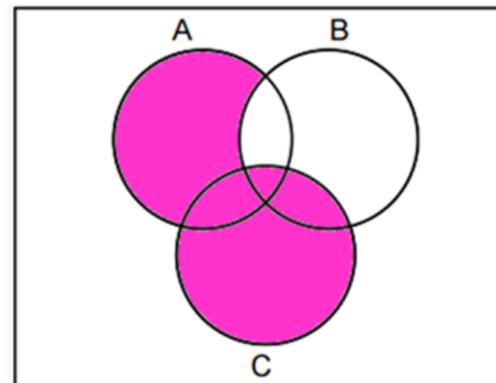
Name the shaded regions for the Venn Diagrams.  
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# 14.

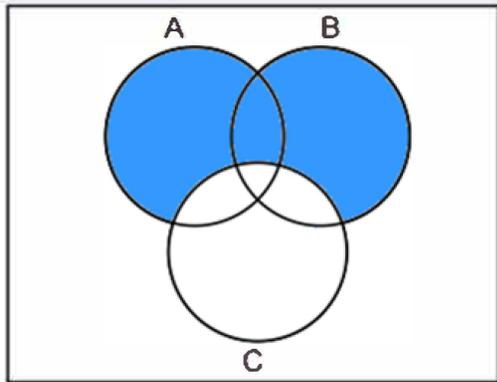
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 15.

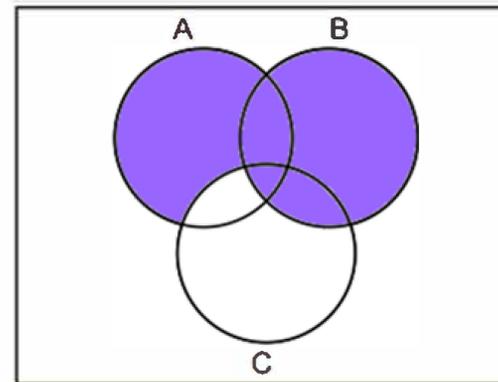
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 16.

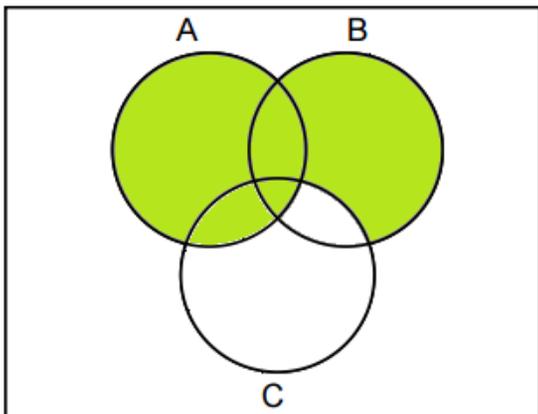
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 17.

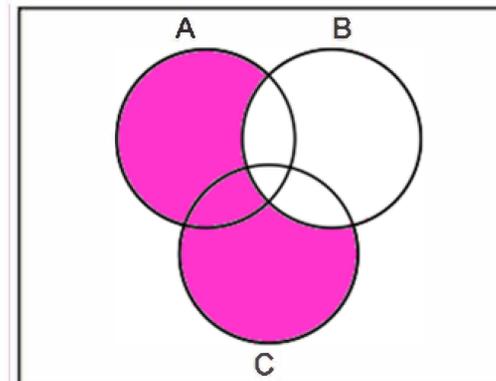
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 18.

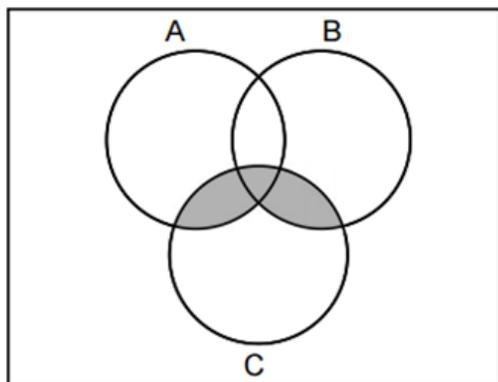
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 19.

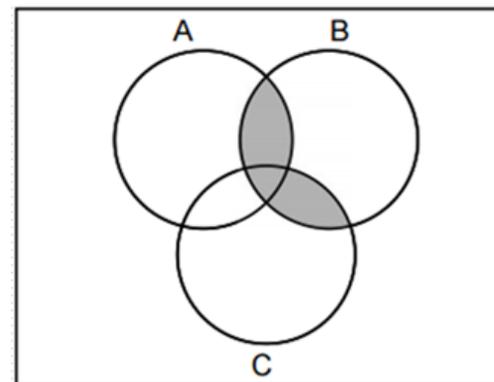
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 20.

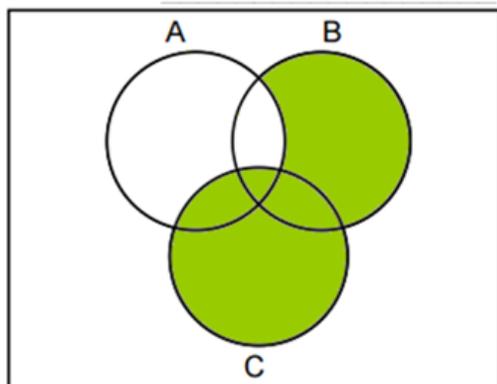
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 21.

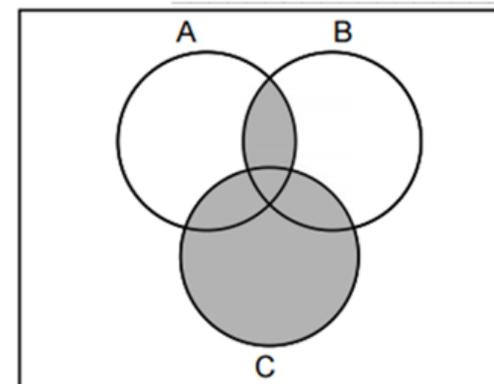
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 22.

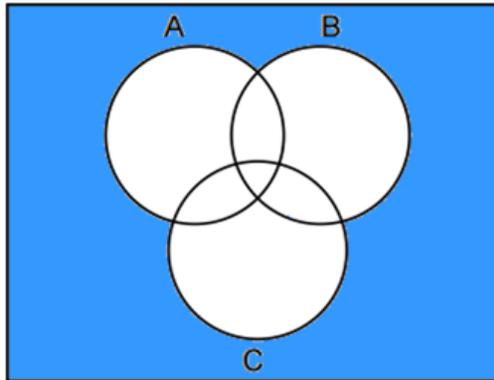
Name the shaded regions for the Venn Diagrams.  
Use proper notation.



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# 23.

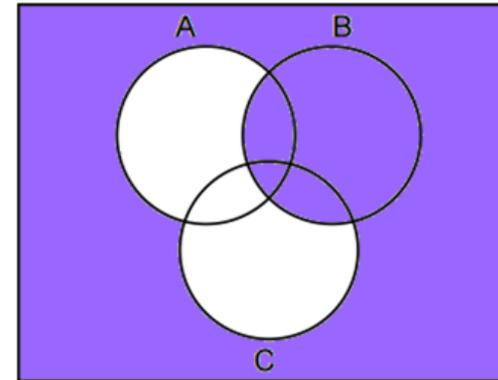
Name the Shaded Regions  
for the Venn Diagrams.  
Use proper notation.



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# 24.

Name the Shaded Regions  
for the Venn Diagrams.  
Use proper notation.

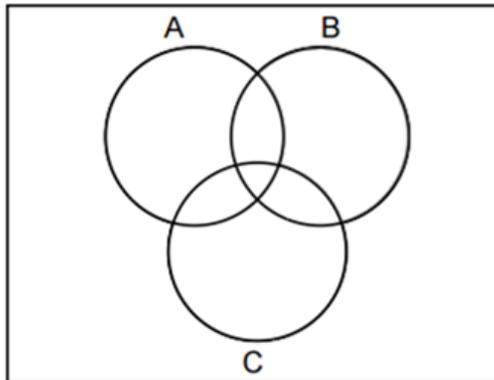


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# 25.

Shade the Region  
described by

$$(A \cup B) \cap C$$

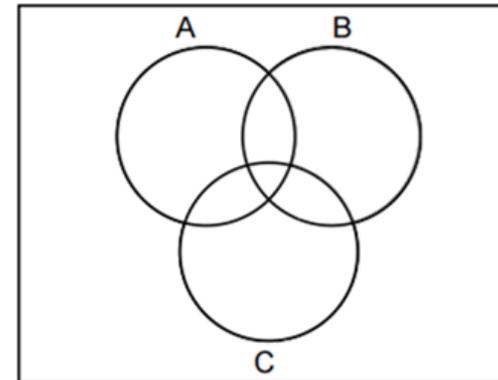


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# 26.

Shade the Region  
described by

$$(A \cup C) - B$$

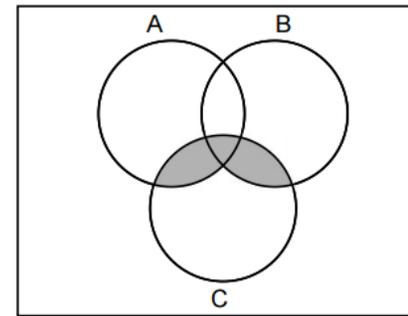


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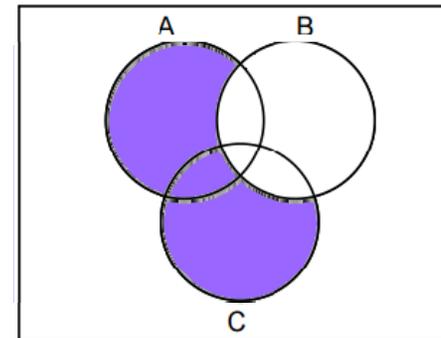
## - Venn Diagrams Answer Key -

1. B	2. $(A \cup B)$
3. B - A	4. $(A \cup B)'$
5. $(A \cap B)$	6. $(A \cap B \cap C)$
7. $(A - B)$	8. $(B \cup C)$
9. $A \cup (B \cap C)$	10. $(B \cap C) - A$
11. $(A \cup C) \cap B$	12. $C - (A \cup B)$
13. $(A \cap B) - C$	14. $C \cup (A - B)$
15. $(A \cup B) - C$	16. $B \cup (A - C)$
17. $A \cup (B - C)$	18. $(A \cup C) - B$
19. $(A \cup B) \cap C$	20. $(A \cup C) \cap B$
21. $C \cup (B - A)$	22. $C \cup (A \cap B)$
23. $(A \cup B \cup C)'$	24. $(A \cup C)' \cup B$

25.



26.



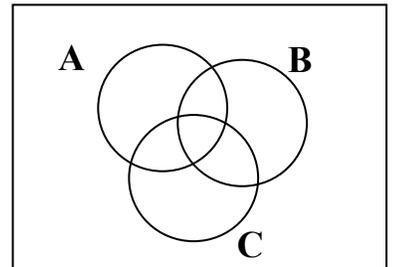
# Venn Diagrams

Name \_\_\_\_\_

Class \_\_\_\_\_ Date \_\_\_\_\_

1.	13.
2.	14.
3.	15.
4.	16.
5.	17.
6.	18.
7.	19.
8.	20.
9.	21.
10.	22.
11.	23.
12.	24.

25.



26.

