

Name \_\_\_\_\_ Date \_\_\_\_\_ 

**Factors & Multiples - Venn Diagrams**

Write the answers to each of the sets below. Then draw a Venn diagram to show the relationship between those sets.

- 1) the set of even numbers less than 18 and  
the set of odd numbers less than 18

{ \* = more difficult }

- 2) the multiples of 5 less than 33 and  
the multiples of 5 greater than 20 but less than 41

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- 3) the multiples of 8 less than 55 and  
the multiples of 5 greater than 16 but less than 39

- 4) all the factors of 21 and  
all the factors of 18



- 5) all the factors of 30 and \*  
all the factors of 25

- 6) all the factors of 80 (there's quite a few of them) and \*  
all the factors of 50

- 7) the multiples of 10 greater than 21 but less than 127 and  
the multiples of 25 greater than 21 but less than 196 \*

- 8) the multiples of 8 greater than 13 but less than 80 and  
all the factors of 27



- 9) all even numbers between 67 and 75 and  
the multiples of 10 greater than 42 but less than 100 and \*\*  
the multiples of 5 greater than 37 but less than 71