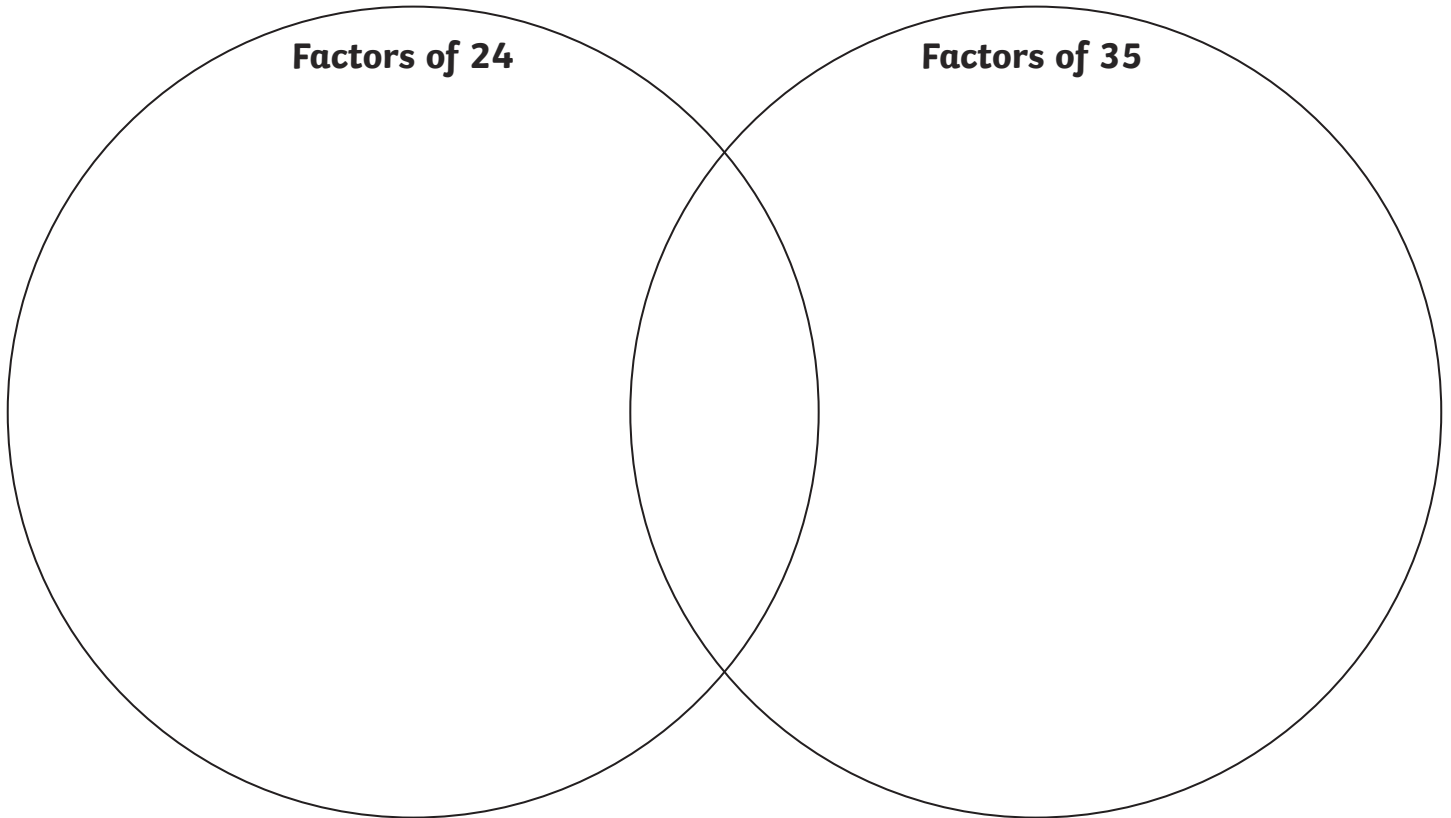


# Common Factors

I can identify common factors

- a. Place every number from 1 to 35 correctly in the Venn diagram.

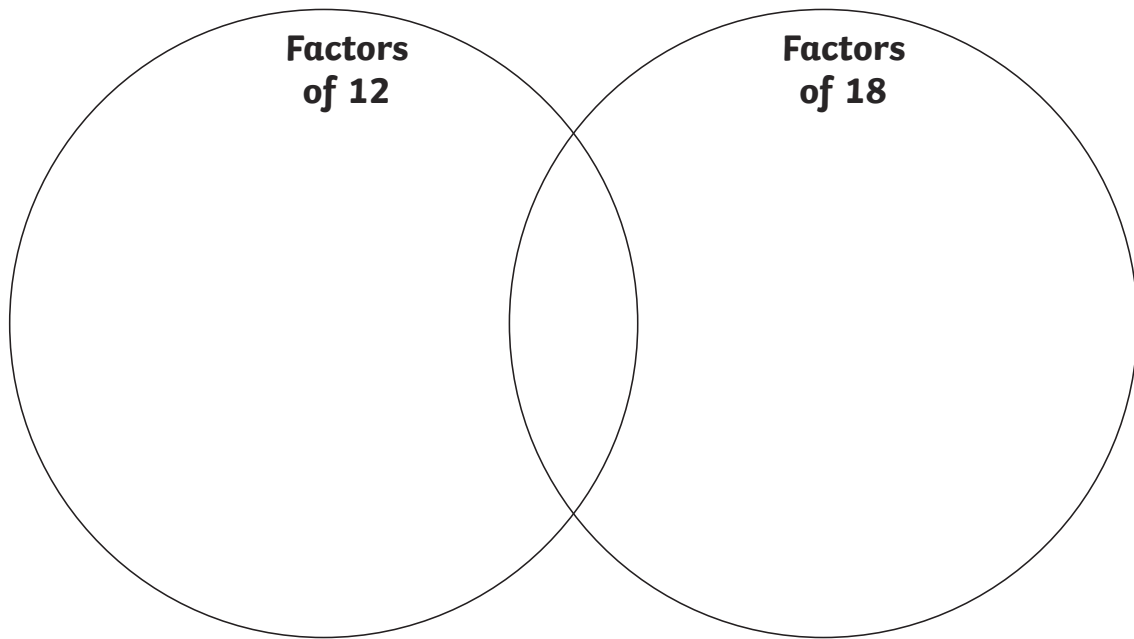


What are the common factors? \_\_\_\_\_

# Common Factors

I can identify common factors

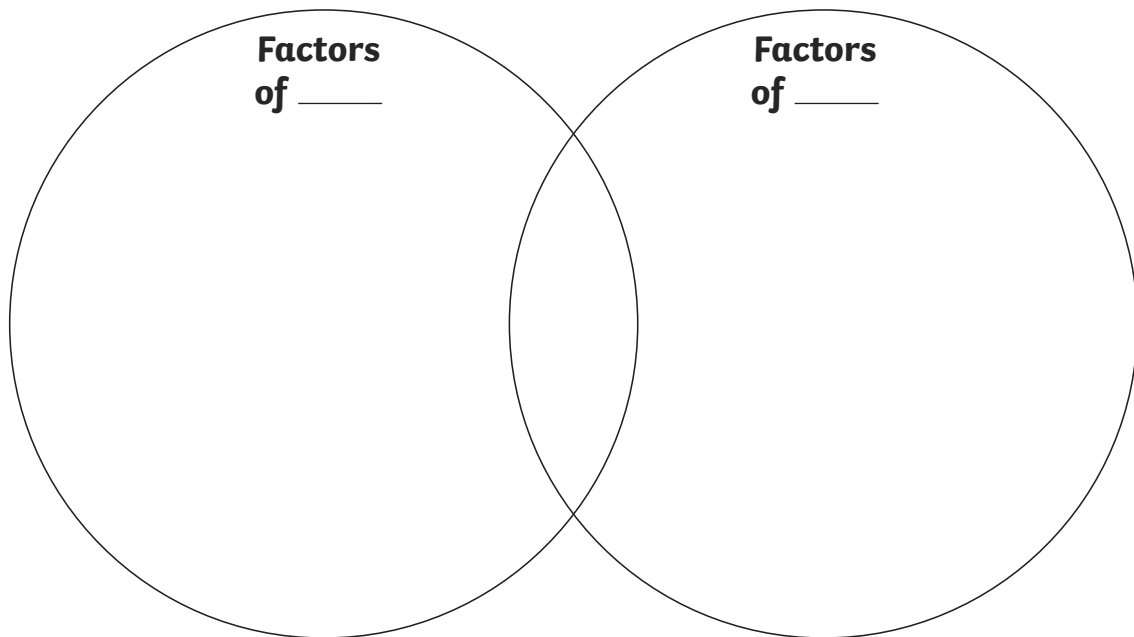
- b. Place every number from 1 to 18 correctly in the Venn diagram.



What are the common factors? \_\_\_\_\_

The highest common factor is \_\_\_\_\_

- c. Choose two numbers to compare. Complete the Venn diagram and identify the highest common factor.

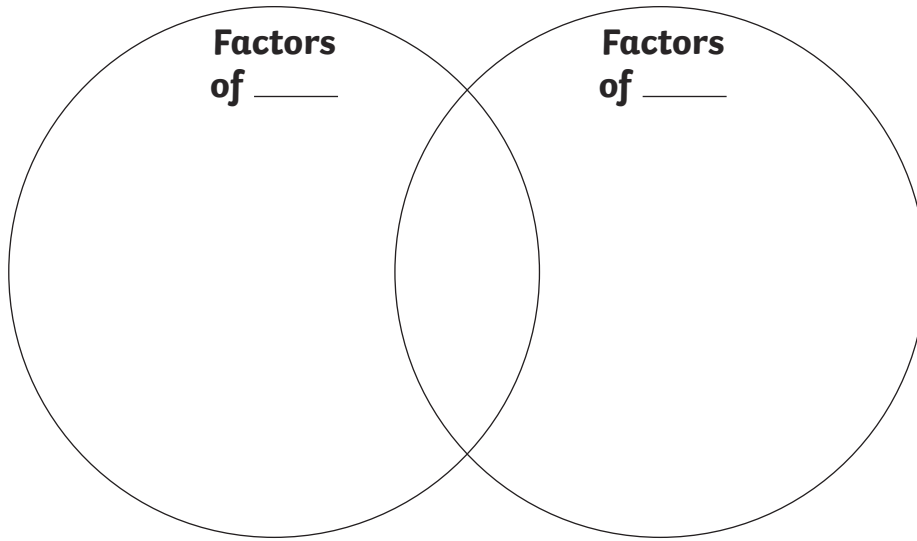


The highest common factor is \_\_\_\_\_

# Common Factors

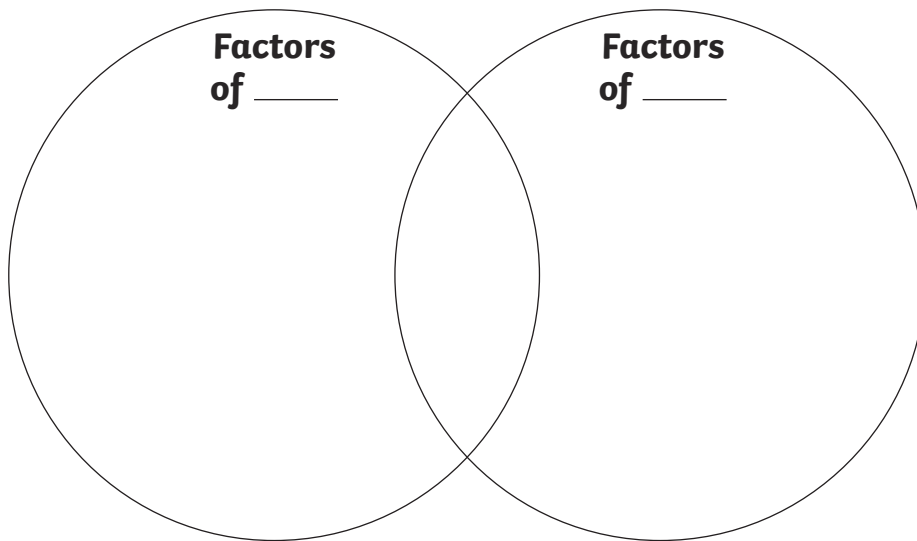
I can identify common factors

- d. Choose two numbers to compare. Complete the Venn diagram and identify the highest common factor.



The highest common factor is \_\_\_\_\_

- e. Choose two numbers to compare. Complete the Venn diagram and identify the highest common factor.



The highest common factor is \_\_\_\_\_

- f. Pavel says, "The highest common factor of 15 and 18 will be an even number because one of the numbers is even." Is Pavel correct? Explain your reasoning.

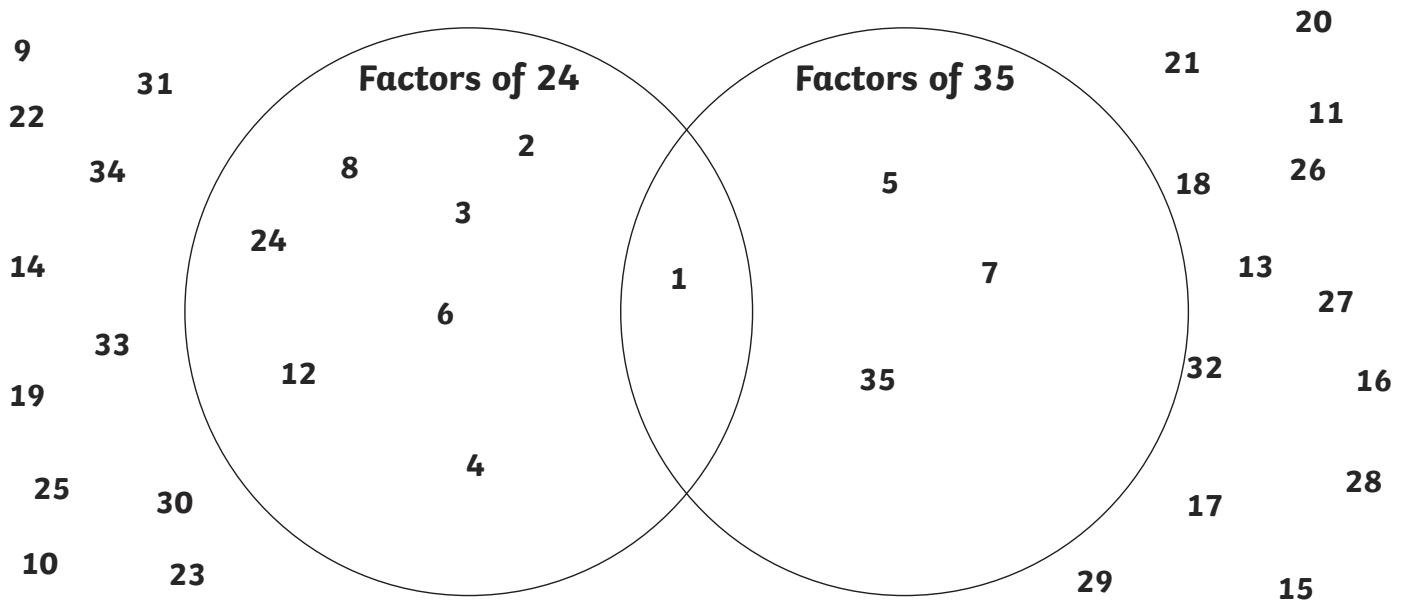
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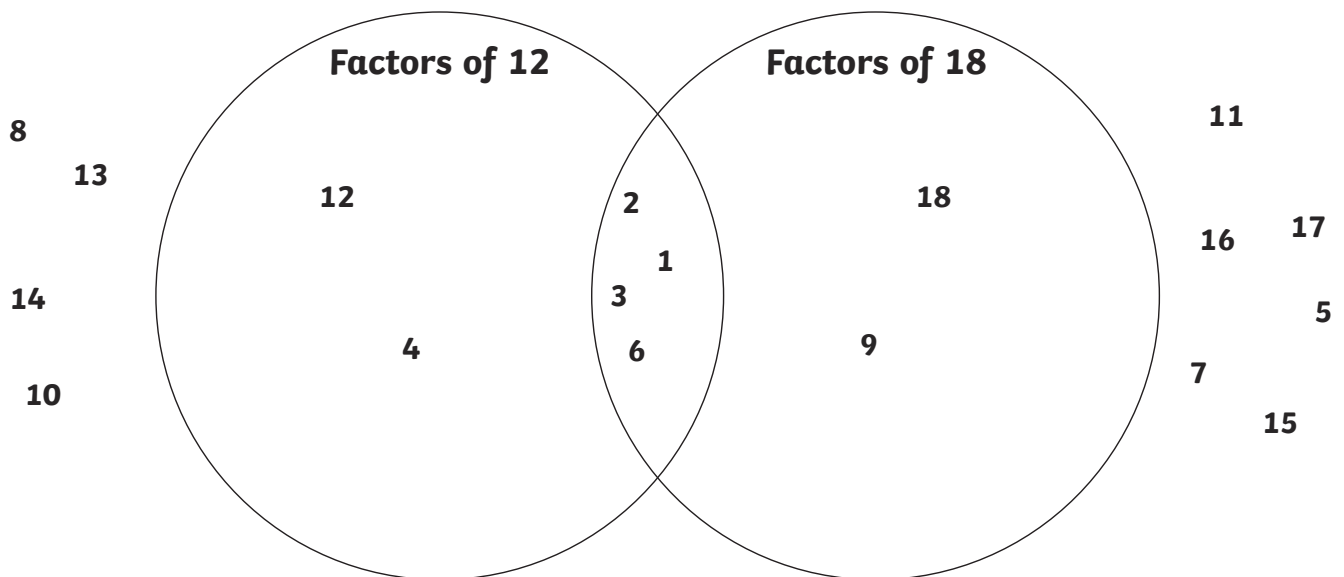
# Common Factors Answers

a. Place every number from 1 to 35 correctly in the Venn diagram.



What are the common factors? 1

b. Place every number from 1 to 18 correctly in the Venn diagram.



What are the common factors? 1, 2, 3, 6

The highest common factor is 6

f. Pavel says, "The highest common factor of 15 and 18 will be an even number because one of the numbers is even." Is Pavel correct? Explain your reasoning.  
**Child's own reasoning, for example: Pavel is wrong because 15 and 18 are both multiples of 1 and 3 so the highest common factor will be 3.**