

# Factor Pair Detectives Review

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## Understanding Factors and Multiples

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about factor pairs.

1. What is a factor pair?

- A. Two numbers that add to another number
- B. Two numbers that multiply to create another number
- C. Two numbers that divide another number

2. How might finding factor pairs help us solve math problems? Give one example.

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3. Every number has at least two factor pairs: \_\_\_\_ and itself.

4. An array can be used to represent factor pairs visually.

- True       False

5. Can you think of ways numbers work together, like how God's people work together? Explain your thoughts.

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6. Which of these is NOT a factor pair of 12?

- A. 1 and 12
- B. 2 and 6
- C. 3 and 5

7. Finding factors can help us build a strong \_\_\_\_ in multiplication and division.

8. The heart of the prudent seeks knowledge, just like we seek to understand factors.

- True       False

9. How many total factors does the number 10 have?

- A. 2
- B. 3
- C. 4

10. What was the most interesting factor pair you found today? Why did it catch your attention?

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### Answer Key

1. Two numbers that multiply to create another number    2. Finding factor pairs helps us understand multiplication better. For example, if I know the factor pairs of 12, I can quickly find that 3 times 4 equals 12.    3. 1    4. True    5. Numbers work together in factor pairs just like people work together in teams. For example, when two numbers multiply, they create a larger number, just like teamwork creates better results.    6. 3 and 5    7. foundation    8. True    9. 3    10. I found that 8 can be made with 2 and 4. It was interesting because it shows how different numbers can work together to make the same product.

