

Place Value Patterns in Multiplication

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Understanding Multiplying by Multiples of 10

Name: _____

Date: _____

Answer the following questions based on what we learned about multiplying by multiples of 10.

1. What happens to the digits when we multiply by 10?

- A. They stay the same
- B. They shift to the left
- C. They disappear

2. When we multiply 6 by 10, we get ____.

3. What is one way that adding a zero helps us multiply quickly?

4. What is 6 multiplied by 20?

- A. 60
- B. 120
- C. 180

5. Match the multiplication to the correct answer.

6 × 10

60

6 × 30

180

6. How does understanding multiplication help us learn?

7. What is the product of 6 and 40?

- A. 240
- B. 260
- C. 280

8. Multiplying by multiples of 10 shows us a _____ in numbers.

9. Can you explain the pattern you noticed when multiplying by 10?

10. What does Proverbs 16:16 teach us about wisdom?

- A. It is better than gold
- B. It is less important than silver
- C. It is not necessary

Answer Key

1. They shift to the left 2. 60 3. It helps us shift the place value to the left. 4. 120 5. 60,180 6. It helps us see patterns and understand math better. 7. 240 8. pattern 9. The digits shift left and we add a zero to the end. 10. It is better than gold
