

Area and Perimeter Review

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Understanding Area and Perimeter in Design

Name: _____

Date: _____

Answer the following questions based on today's lesson about area and perimeter.

1. What is the formula to calculate area?

- A. Length + Width
- B. Length \times Width
- C. Length - Width

2. The perimeter is found by ____ all the sides of a shape.

3. Why is it important for builders to calculate area correctly?

4. Match the term with its definition.

Area

The total distance around a shape

Perimeter

The space inside a shape

5. What might happen if a builder didn't calculate perimeter correctly?

- A. The building may be too small
- B. The building may be too large
- C. Both answers are correct

6. To find the perimeter of a rectangle, you add the lengths of all the ____ and ____.

7. How did you solve your design problems during the project?

8. Which tool helps you create precise designs on grid paper?

- A. Eraser
- B. Ruler
- C. Pencil

9. According to Proverbs 21:5, careful planning leads to ____ while haste leads to poverty.

10. How do math skills help us create beautiful things?

Answer Key

1. Length \times Width 2. adding 3. It helps them use the right amount of materials and ensure the building fits well. 4. The total distance around a shape 5. Both answers are correct 6. sides, widths 7. I made adjustments to my measurements and checked my calculations. 8. Ruler 9. profit 10. Math helps us design things that are balanced and fit together well.