

Name \_\_\_\_\_

Date \_\_\_\_\_

## Perimeters of Polygons - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem. The units of measure have been removed.

- \_\_\_\_\_ 1. Jacob has a large sandbox. The sandbox is 12 meters long and 8 meters wide. He wants to surround the sandbox with new pieces of wood. How many meters of wood will he need? a. 15
- \_\_\_\_\_ 2. The perimeter of Sophia's garden is 42 meters. The garden is 6 meters wide. What is the length of the garden? b. 30
- \_\_\_\_\_ 3. Ava's sun shade is 8 meters long and 4 meters wide. What is the perimeter (in m) of the sun shade? c. 40
- \_\_\_\_\_ 4. Mason's bedroom is 14 meters long and 10 meters wide. He wants to cover the ends of the room with molding. How many meters of molding will he need? Assume that he will also purchase molding for the door. d. 24
- \_\_\_\_\_ 5. Abigail is displaying her paintings. Abigail's display area is 5 meters long and 3 meters wide. What is the perimeter of Abigail's display area? e. 16
- \_\_\_\_\_ 6. Chloe walks around a short field for exercise. The field is 18 meters long and 12 meters wide. How far does Chloe walk, if walks directly around the field's perimeter? f. 5
- \_\_\_\_\_ 7. Madison Electronics brought a huge solar panel that is 9 meters long and 6 meters wide. They want to cover the ends of solar panel with tape? How many meters of tape will they need? g. 48
- \_\_\_\_\_ 8. The perimeter of Aiden's book bag is 26 inches. The bag is 8 inches long. How many inches wide is the bag? h. 60

