

Perimeter and Area Sort

Students are building picture frames in art class. They need to buy wood to go around the outside of the pictures.

G

$$| + w + | + w$$

A

Area

Perimeter



Perimeter and Area Sort

Materials:

- Cards for sorting
- Recording sheet

Directions:

- 1) Put the cards, Perimeter and Area, at the top of your desk. These are the headings for the sort.
- 2) Put the remaining cards face down in a pile.
- 3) Player 1 turns over the first card and tells his/her partner if the card represents perimeter or area and justifies his/her reasoning. Player 1 places the card below the correct heading on the desk.
- 4) Player 2 turns over the next card, states if it represents perimeter or area, and justifies his/her reasoning.
- 5) When all of the cards have been sorted, partners complete the recording sheet by writing the letters on the cards under the correct headings.

Perimeter

Area

$$l + w + l + w$$

A

B

$$l \times w$$

C

$$s + s + s + s$$

D

Juan's family is building a fence around their backyard.

E

Myra's family needs to figure out the amount of dirt they need to cover their garden.

F

We will be getting new carpet in the classroom.

G

Students are building picture frames in art class. They need to buy wood to go around the outside of the pictures.

H

Peter is running around the outside of the soccer field.

I

The distance around the outside of an area

J

The square units required to fill a shape.

K

Tom needs to find the distance around the outside of this shape.



L

Tom needs to find the square units needed to fill the inside of this shape.



M

Sam needs to buy enough tile to cover the bathroom floor.

N

Maria needs to cut enough quilt squares to make a quilt the size of her bed.

O

Mom needs to buy paint for her bedroom. She knows how many square feet each gallon will cover.

P

Mary wants to put a fence around the outside of her garden.

Name _____ Date _____
Recording Sheet - Perimeter and Area Sort

Directions: After you have completed the sort, write the letters from the top corner of the cards under the correct headings below.

Perimeter	Area

Name _____ Date _____
Recording Sheet - Perimeter and Area Sort

Directions: After you have completed the sort, write the letters from the top corner of the cards under the correct headings below.

Perimeter	Area

Graphics and Fonts

