

Name


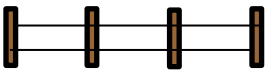



Date



AREA AND PERIMETER PROBLEM SOLVING 1B


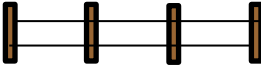



Use the information to find out if the problem is an area problem or a perimeter problem.

Underline the correct word then solve the problem! You need to answer the questions in order.

<p>1) Captain is building a rectangular rabbit enclosure for his pet rabbit. The enclosure measures 8m by 6m. How much fence does he need for the enclosure? <i>Area Perimeter</i></p> 	<p>2) Captain now build the enclosure for his pet rabbit. How much space will the rabbit have to run around in? <i>Area Perimeter</i></p> 
<p>3) Sally is buying tiles for her bathroom floor. Each tile is 1 foot by 1 foot. Her bathroom floor measures 12 feet by 7 feet. How many tiles will she need? <i>Area Perimeter</i></p> 	<p>4) Tyger is making a wooden box. The base measures 11cm by 4cm. What length of wood does he needs to go round all the sides? <i>Area Perimeter</i></p> 
<p>5) Frazer is buying paint to paint one of his walls. The wall measures 9 feet by 8 feet. A pot of paint will cover 70 square feet. Will it be enough to cover his wall? <i>Area Perimeter</i></p> 	<p>6) Frazer gets some masking tape to put around the edge of the wall he is painting. How much masking tape does he need? <i>Area Perimeter</i></p>



AREA AND PERIMETER PROBLEM SOLVING 1B ANSWERS

<p>1) Captain is building a rectangular rabbit enclosure for his pet rabbit. The enclosure measures 8m by 6m. How much fence does he need for the enclosure?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$8 + 6 + 8 + 6 = 28$. He needs 28m of fence.</u></p> 	<p>2) Captain now build the enclosure for his pet rabbit. How much space will the rabbit have to run around in?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$8 \times 6 = 48$. There will be 48m² of space.</u></p> 
<p>3) Sally is buying tiles for her bathroom floor. Each tile is 1 foot by 1 foot. Her bathroom floor measures 12 feet by 7 feet. How many tiles will she need?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$12 \times 7 = 84$ square foot. She will need 84 tiles.</u></p> 	<p>4) Tyger is making a wooden box. The base measures 11cm by 4cm. What length of wood does he needs to go round all the sides?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$11 + 4 + 11 + 4 = 30$cm of wood.</u></p> 
<p>5) Frazer is buying paint to paint one of his walls. The wall measures 9 feet by 8 feet. A pot of paint will cover 70 square feet. Will it be enough to cover his wall?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$9 \times 8 = 72$. The pot will not be big enough to cover 72 square feet.</u></p> 	<p>6) Frazer gets some masking tape to put around the edge of the wall he is painting. How much masking tape does he need?</p> <p><u>Area</u> <u>Perimeter</u></p> <p><u>$9 + 8 + 9 + 8 = 34$. He will need 34 feet of masking tape.</u></p>