

Name


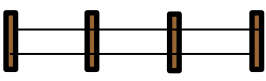



Date



AREA AND PERIMETER PROBLEM SOLVING 1C


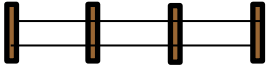



Use the information to find out if the problem is an area problem or a perimeter problem.

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 15m by 5m. 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 20 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 16 cm by 5 cm. 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 14 foot by 8 foot. A pot of paint will cover 100 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 1C ANSWERS

<p>1) Captain is building a rectangular rabbit enclosure for his pet rabbit. The enclosure measures 15m by 5m. How much fence does he need for the enclosure?</p> <p><i>Area</i> <i>Perimeter</i> <u>$(15 + 5) \times 2 = 40\text{m}$. He needs 40m 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><i>Area</i> <i>Perimeter</i> <u>$15 \times 5 = 75$. The rabbit will have 75m^2 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 20 feet by 7 feet. How many tiles will she need?</p> <p><i>Area</i> <i>Perimeter</i> <u>$20 \times 7 = 140$ square feet. She needs 140 tiles.</u></p> 	<p>4) Tyger is making a wooden box. The base measures 16 cm by 5 cm. What length of wood does he need to go round all the sides?</p> <p><i>Area</i> <i>Perimeter</i> <u>$(16 + 5) \times 2 = 42$. He needs 42cm of wood.</u></p> 
<p>5) Frazer is buying paint to paint one of his walls. The wall measures 14 foot by 8 foot. A pot of paint will cover 100 square feet. Will it be enough to cover his wall?</p> <p><i>Area</i> <i>Perimeter</i> <u>$14 \times 8 = 112$. He will need enough paint for 112 square feet. The pot is not enough.</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><i>Area</i> <i>Perimeter</i> <u>$(14 + 8) \times 2 = 44$. He needs 44 foot of tape.</u></p>