

AREA AND PERIMETER PROBLEM SOLVING 1B ANSWERS

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? Area Perimeter 8 + 6 + 8 + 6 = 28. He needs 28m of fence.	2)	Captain now build the enclosure for his pet rabbit. How much space will the rabbit have to run around in? Area Perimeter 8 x 6 = 48. There will be 48m² of space.
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? Area Perimeter 12 x 7 = 84 square foot. She will need 84 tiles.	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? Area Perimeter 11 + 4 + 11 + 4 = 30cm of wood.
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? Area Perimeter 9 x 8 = 72. The pot will not be big enough to cover 72 square feet.	6)	Frazer gets some masking tape to put around the edge of the wall he is painting. How much masking tape does he need? Area Perimeter 9 + 8 + 9 + 8 = 34. He will need 34 feet of masking tape.

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