

Exemplars

Name: _____

P/S	R/P	Com	Con	Rep	A/Level

A Border for Mr. Gomez's Kitchen

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Mr. Gomez wants to put a ceramic tile border along all four sides of his kitchen wall. Mr. Gomez has measured and knows he needs enough tiles to make three rows with sixty-three tiles in each row on each of his four walls. How many tiles does Mr. Gomez need to make the border? Tiles are sold in boxes with fourteen tiles in each box. How many boxes of tiles does Mr. Gomez need to buy? Boxes of fourteen tiles sell for five dollars and ninety-five cents per box. How much will Mr. Gomez pay for the tiles he needs? Show all your mathematical thinking.