Solve each problem.

1) Two contractors are bidding on building a house. Contractor A's price is represented in the table below. Contractor B's price is represented by an equation, with y representing the total price and x representing the square feet of the house.

Contractor A

Square Feet	Total Price ($)
1449	163,737
1717	194,021

Contractor B

y = 127x

Find the total price you'd get from building a 1,011 sq/ft house from the cheapest contractor.

2) Two companies are selling sugar by the pound. The cost of sugar for Company A is represented in the table below, while the cost for Company B is represented by an equation, with y representing the total cost in dollars for x pounds of sugar.

Company A

Total Pounds	Total Cost ($)
20	5.80
12	3.48

Company B

y = 0.29x

Find the total cost in dollars of buying 16 pounds of sugar from the more expensive company.

3) Two junk yards offered money for scrap metal. Junk Yard A's price is represented in the table below. Junk Yard B's price is represented by an equation, with y representing the total price and x representing the pounds of metal recycled.

Junk Yard A

Pounds	Total Price ($)
1003	1,915.73
1919	3,665.29

Junk Yard B

y = 1.63x

What is the difference in the price per pound between junk yard A and junk yard B?

Answers

1. _____
2. _____
3. _____

Solve each problem.

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Contractor A

Square Feet	Total Price ($)
1449	163,737
1717	194,021

y = 113x

Contractor B

y = 127x

Find the total price you'd get from building a 1,011 sq/ft house from the cheapest contractor.

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Junk Yard A

Pounds	Total Price ($)
1003	1,915.73
1919	3,665.29

y = 1.91x

Junk Yard B

y = 1.63x

What is the difference in the price per pound between junk yard A and junk yard B?

Answers

1. 114,243
2. 4.64
3. 0.28