Solve each problem.

1) Two companies are selling boxes of candy. The pieces of candy you get from Company A is represented in the table below. The pieces of candy you get per box from Company B is represented by an equation, with y representing the total number of pieces for x boxes.

Company A

Total Boxes	Total Pieces
11	330
20	600

Company B

y = 27x

Find the total number of pieces you'd get from buying 13 boxes of candy from the company with the fewest pieces per box.

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 ($)
18	4.32
15	3.60

Company B

y = 0.30x

Find the total cost in dollars of buying 11 pounds of sugar from the more expensive company.

3) 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 ($)
1356	166,788
1069	131,487

Contractor B

y = 113x

What is the difference in the price per square foot between contractor A and contractor B?

Answers

1. _____
2. _____
3. _____

Solve each problem.

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Find the total number of pieces you'd get from buying 13 boxes of candy from the company with the fewest pieces per box.

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 ($)
18	4.32
15	3.60

y = 0.24x

Company B

y = 0.30x

Find the total cost in dollars of buying 11 pounds of sugar from the more expensive company.

3) 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 ($)
1356	166,788
1069	131,487

y = 123x

Contractor B

y = 113x

What is the difference in the price per square foot between contractor A and contractor B?

Answers

1. 351
2. 3.3
3. 10