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Buffalo Copy & Printing wants to predict copy machine repair expense at different levels of copying activity (number of copies made). The following data have been gathered:

Copy Machine		
Month	Repair Expense	Copies Made
May	\$32,530	298,000
June	53,830	521,000
July	91,030	883,000
August	78,330	766,000
September	42,230	400,000

Determine the fixed and variable components of repair expense using the high-low method. Use copies made as the measure of activity. *(Round variable component per copy to 2 decimal places, e.g. 0.15.)*

Variable Component    \$     per copy

Fixed Component        \$     per month

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Novak has estimated that fixed costs per month are \$368,764 and variable cost per dollar of sales is \$0.32.

What is the break-even point per month in sales dollars?

Break-even point \$

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What level of sales dollars is needed for a monthly profit of \$50,116?

Sales \$

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For the month of July, the marina anticipates sales of \$979,100. What is the expected level of profit?

Expected level of profit \$

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Flint, Inc. produces stereo speakers. The selling price per pair of speakers is \$1,000. The variable cost of production is \$390 and the fixed cost per month is \$43,371. For November, the company expects to sell 123 pairs of speakers.

Calculate expected profit.

Expected profit \$ 

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Calculate the contribution margin ratio, Break-even sales, Expected sales and margin of safety in dollars. *(Round contribution margin ratio and intermediate calculations to 2 decimal places, e.g. 15.25 and all other answers to 0 decimal places, e.g. 5,275.)*

Contribution margin ratio Break-even sales \$ Expected sales \$ Margin of safety \$ 

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Richetti Manufacturing produces snow shovels. The selling price per snow shovel is \$30.00. There is no beginning inventory.

Costs involved in production are:	
Direct material	\$6.00
Direct labor	4.00
Variable manufacturing overhead	4.00
Total variable manufacturing costs per unit	<u>\$14.00</u>
Fixed manufacturing overhead per year	\$137,200

In addition, the company has fixed selling and administrative costs of \$149,500 per year.

During the year, Richetti produces 49,000 snow shovels and sells 43,900 snow shovels.

**Exercise 5.11**

What is the value of ending inventory using full costing?

Value of ending inventory \$

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Attempts: 0 of 1 used [Submit Answer](#)