

MathWorks 10 New Brunswick Edition Teacher Resource CD

Errata

As we become aware of errors in our resources, we work to correct them. Should you notice any other errors in any of our products, please contact pep.sales@ubc.ca.

MathWorks 10 New Brunswick Edition Teacher Resource CD Errors	
Page no.	Correction
60	<p>#8b) For clarity, the question should be written as:</p> <p>“Fill in the table indicating the total cost according to the number of people attending, and show your calculations below.”</p>
61	<p>#10b) At the end of the question, the following should be added:</p> <p>“(Remember that the cans are only available in the quantities given above.)”</p>
62	<p>#1 In the final line of the calculation for Store B, the calculation should be:</p> $\$13.00 \times 3 = \39.00
62	<p>#6a) The solution should be:</p> $\frac{\$69.07}{10 \text{ tiles}} = \$6.91/\text{tile}$
63	<p>#10b) The solution should be replaced with:</p> <p>“Calculate how many 24-can cases can be bought for \$500.00. $\\$500.00 \div \\$30.69 \approx 16.3$</p> <p>You cannot buy partial cases of soup, so the answer must be rounded down. Calculate how many cans of soup are in 16 cases. $16 \times 24 = 384$</p> <p>The school can buy 384 cans of soup.”</p>
64	<p>#12b) The final steps of the solution should be replaced with:</p> <p>“Then consider the difference in fuel costs per kilometre. $\\$0.127\ 72 - \\$0.111\ 24 = \\$0.016\ 48$</p> <p>If you save 1.469 cents per kilometre by driving the hybrid model, how many kilometres do you need to drive to save \$1384.00?</p> $\frac{\$1384.00}{\$0.016\ 48} \approx 83\ 981$ <p>You would need to drive 83 981 km to save enough in fuel costs to pay the extra cost of the hybrid model.”</p>
85	<p>For the Chapter Test, in the Materials column, the information for #10 should read:</p> <ul style="list-style-type: none"> • #10: federal and NB, monthly pay (\$3185.00)

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Page no.	Correction
121	#10 The second sentence should be revised to read: “...and \$40.00 for parking, which is not tax-deductible.”
124	#9 The following note should be added: “Answers below are for the 2011 taxation year.”
124	#10 The following note should be added: “Answers below are for the 2011 taxation year.” The calculation should be revised as follows: “Subtract before-tax deductions from the gross earnings. $\$3425.00 - \$15.00 - \$225.00 = \3185.00 Look up the tax tables for New Brunswick. Federal tax: \$301.20 NB tax: \$205.25”
254	#3 The possible answers should be rounded to the nearest square yard. a) 67 yd ² b) 62 yd ² c) 81 yd ² d) 90 yd ²
258	#3c) The final calculation should be rounded to the nearest square yard. Area: 8.20 yd × 9.84 yd ≈ 81 yd ²
457	#18d) The answer should be revised as follows: “Answers will vary based on students’ drawings. The distance to be travelled is approximately 388 m at a true bearing of 64°.”