

Errata

Printings of *MathWorks 12 Teacher Resource* contain the following errors. We apologize for any inconvenience these may have caused.

MathWorks 12 Teacher Resource Errors													
Page no.	Correction												
128	<p>Activity 2.3, #2b)</p> <p>The final three lines of the table should be replaced with:</p> <table border="1" style="margin-left: 40px;"> <tbody> <tr> <td>Top cross-piece length</td> <td> $= 7\frac{1}{2} + \frac{1}{32}$ $= 7\frac{16}{32} + \frac{1}{32}$ $= 7\frac{17}{32}$ </td> <td> $= 7\frac{16}{32} - \frac{1}{32}$ $= 7\frac{15}{32}$ </td> <td> $7\frac{17}{32} \text{ } \overset{+0}{- \frac{1}{16}}$ </td> </tr> <tr> <td>Bottom cross-piece length</td> <td> $= 9 + \frac{1}{32}$ $= 9\frac{1}{32}$ </td> <td> $= 9 - \frac{1}{32}$ $= 8\frac{31}{32}$ </td> <td> $9\frac{1}{32} \text{ } \overset{+0}{- \frac{1}{16}}$ </td> </tr> <tr> <td>Cross-piece diameter</td> <td> $= 1\frac{1}{4} + \frac{1}{32}$ $= 1\frac{8}{32} + \frac{1}{32}$ $= 1\frac{9}{32}$ </td> <td> $= 1\frac{8}{32} - \frac{1}{32}$ $= 1\frac{7}{32}$ </td> <td> $1\frac{9}{32} \text{ } \overset{+0}{- \frac{1}{16}}$ </td> </tr> </tbody> </table>	Top cross-piece length	$= 7\frac{1}{2} + \frac{1}{32}$ $= 7\frac{16}{32} + \frac{1}{32}$ $= 7\frac{17}{32}$	$= 7\frac{16}{32} - \frac{1}{32}$ $= 7\frac{15}{32}$	$7\frac{17}{32} \text{ } \overset{+0}{- \frac{1}{16}}$	Bottom cross-piece length	$= 9 + \frac{1}{32}$ $= 9\frac{1}{32}$	$= 9 - \frac{1}{32}$ $= 8\frac{31}{32}$	$9\frac{1}{32} \text{ } \overset{+0}{- \frac{1}{16}}$	Cross-piece diameter	$= 1\frac{1}{4} + \frac{1}{32}$ $= 1\frac{8}{32} + \frac{1}{32}$ $= 1\frac{9}{32}$	$= 1\frac{8}{32} - \frac{1}{32}$ $= 1\frac{7}{32}$	$1\frac{9}{32} \text{ } \overset{+0}{- \frac{1}{16}}$
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480	<p>Build Your Skills #8b)</p> <p>The solution should be revised as follows:</p> <p>The remaining cost is the residual value minus the security deposit.</p> $\$16\,989.00 - \$500.00 = \$16\,489.00$ <p>Calculate the total cost of the truck by adding what Gene has already paid, including the delivery cost, security deposit, and down payment, to what he must still pay.</p> $\text{total cost} = \$25\,056.00 + \$437.86 + \$500.00 + \$1000.00 + \$16\,489.00$ $\text{total cost} = \$43\,482.86$ <p>If he buys the vehicle at the end of the lease, the total cost will be \$43 482.86.</p>												