

Practice Sketching Exercises
Practice exercises
for
multiview, iso, missing line/view, aux view and Xsections

Here are some practice exercises from your text, with solutions. These cover a variety of types including missing line and view, multiview, aux view and cross sections. The problem numbers are listed immediately below, and the answers on the following pages. I strongly recommend you try to solve these *before* you look at the answers. Go to the appropriate chapter and figure (eg 5.120), read what it asks, then go to the appropriate sub-figure (eg 5.120-5) and do the required sketches. I also recommend you do the isometric view in every case, whether the problem asks for it or not. Usually, doing the iso will actually help you in completing the rest of the sketch.

Have fun!
John

Missing View

5.120-5 9 12 20 21

Missing Line

5 121-7 15 23

Multiview View Isometric

7.60.16 19

Auxiliary

6.18.7 18

Sections

8.57.10 13

NOTE: See also Lab3_Solutions.pdf which has

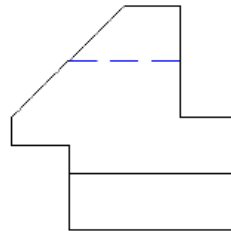
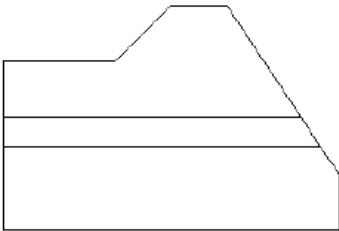
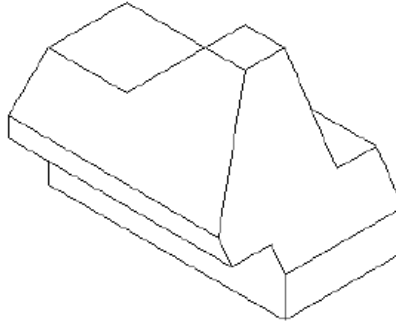
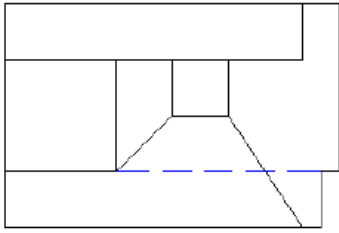
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120 1 3 6 13 22 PLUS 2 4 in lab demo

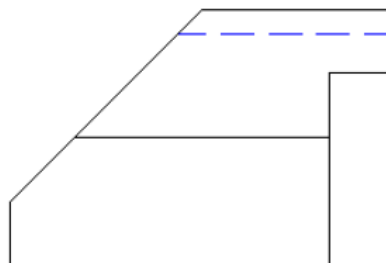
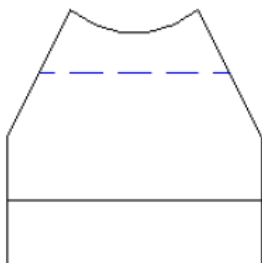
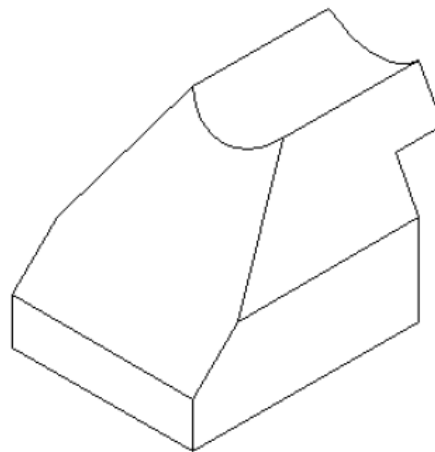
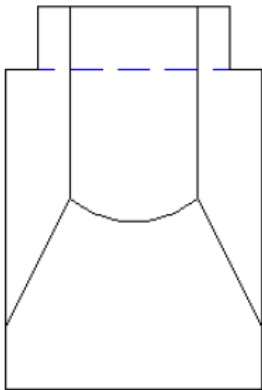
121 2 8 9 10 12 14 18 PLUS 1 4 inlab demo

122 2 8 11 16 24 26 30 39 76 PLUS 6 7 inlab demo

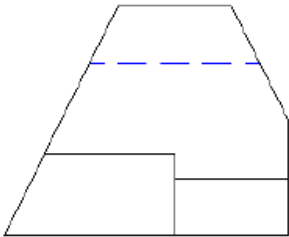
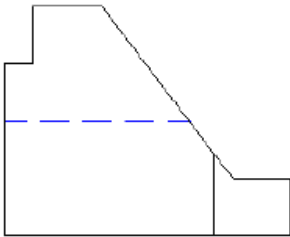
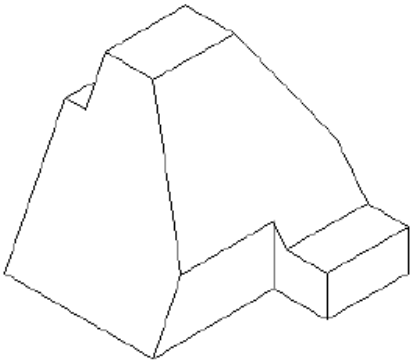
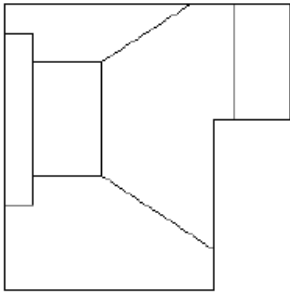
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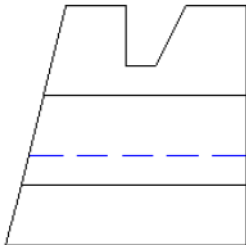
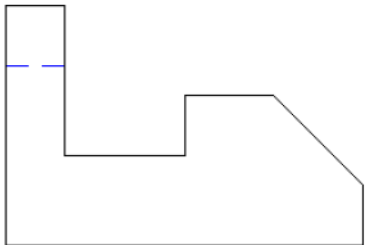
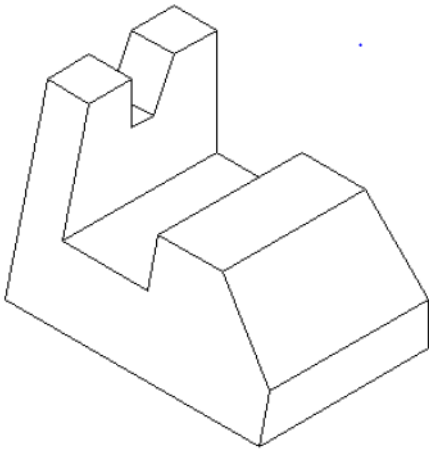
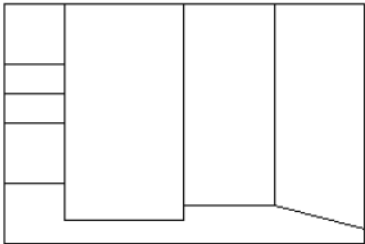
5 120-9



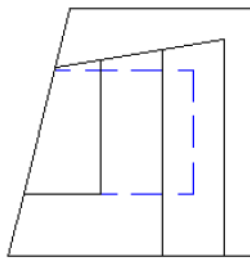
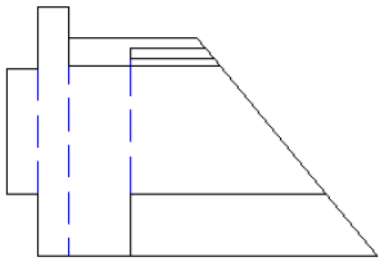
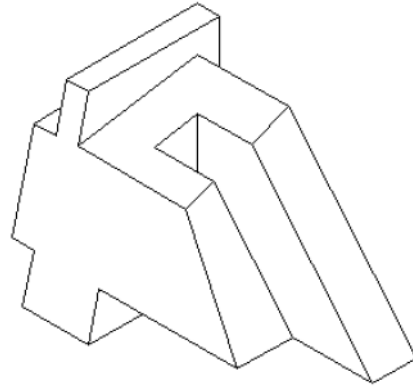
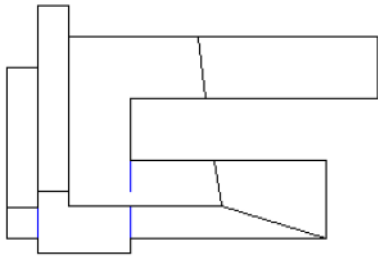
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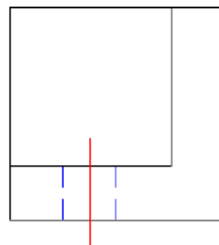
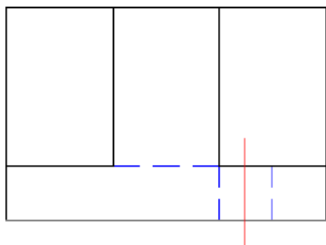
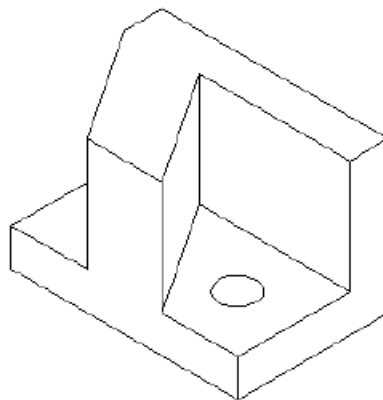
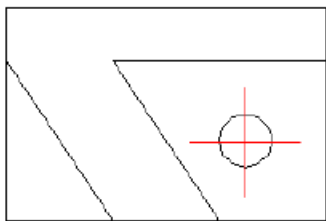
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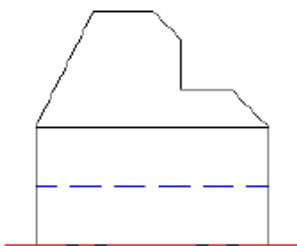
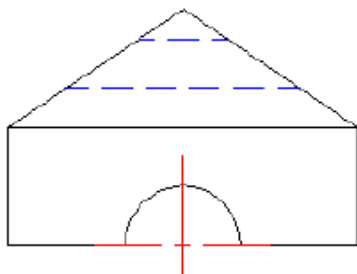
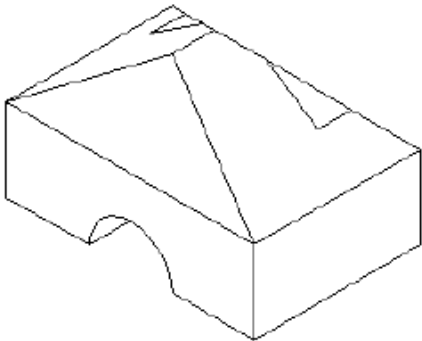
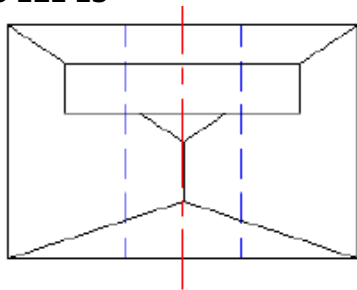
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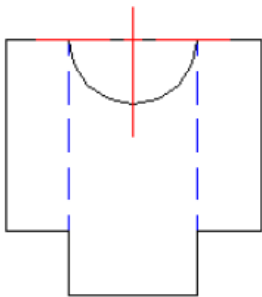
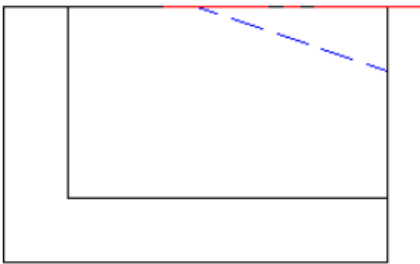
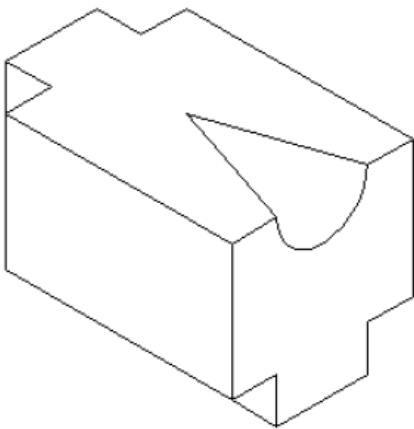
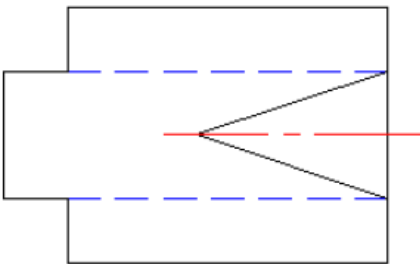
5 121-7



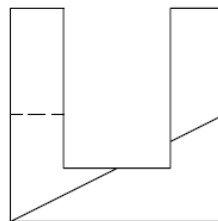
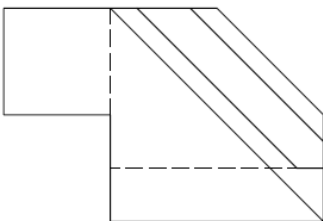
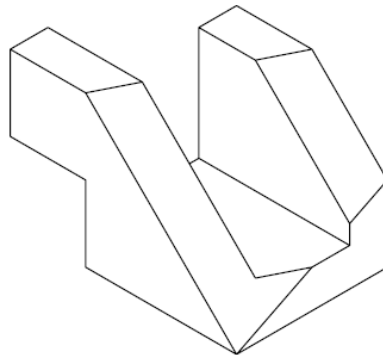
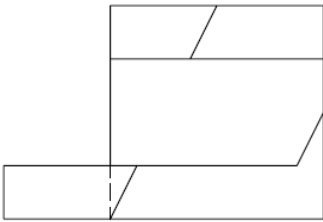
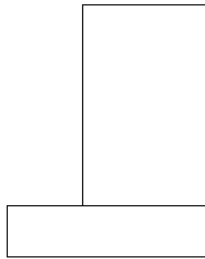
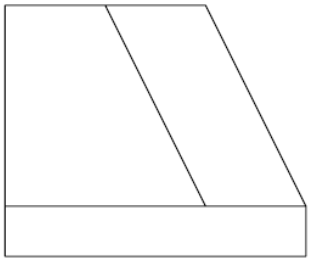
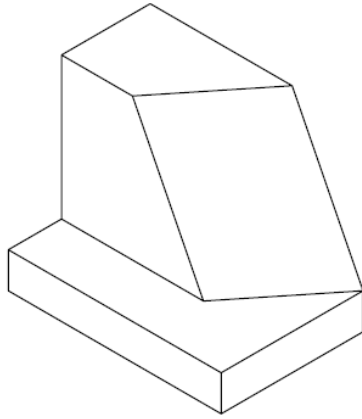
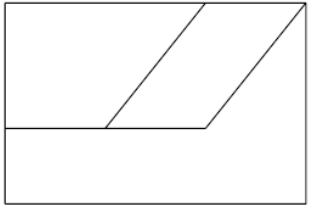
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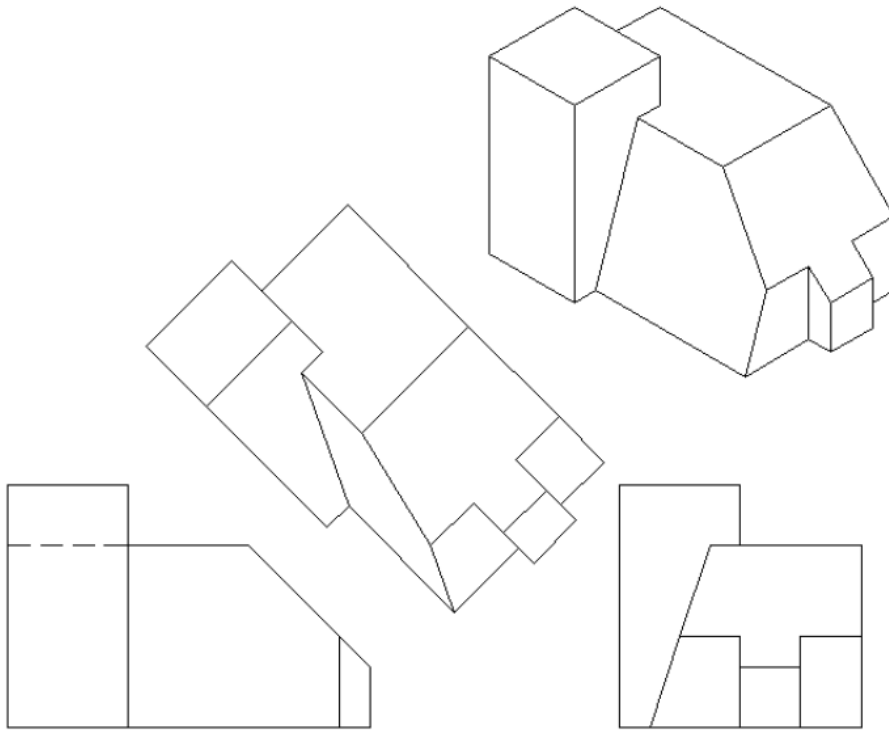
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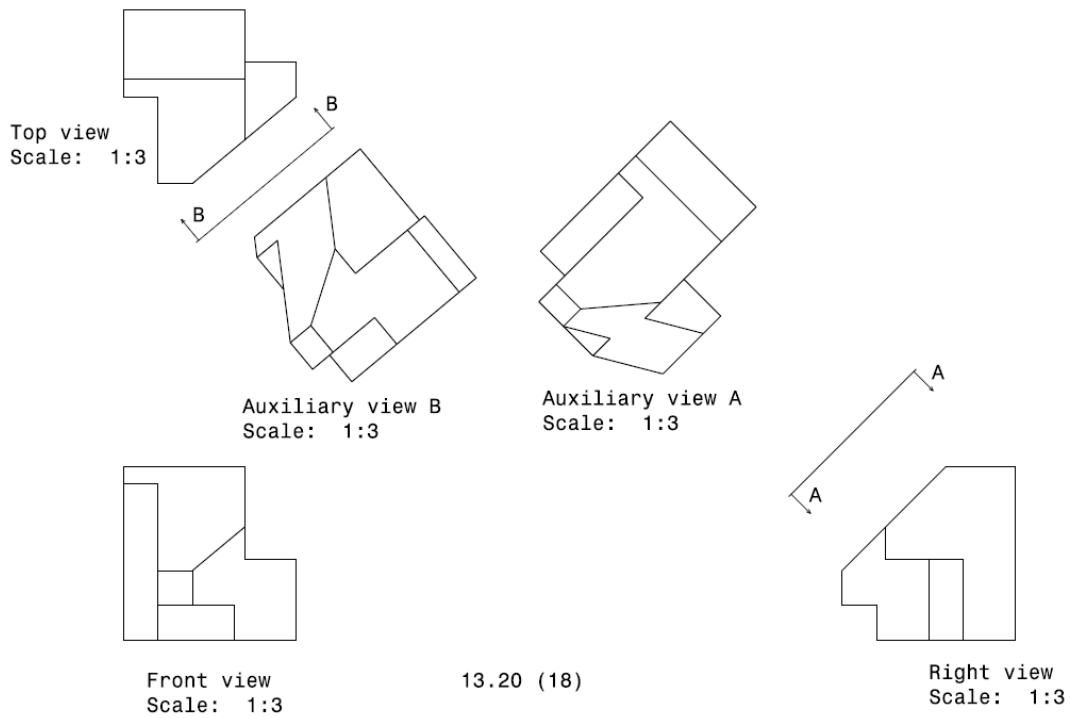
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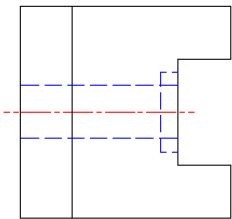
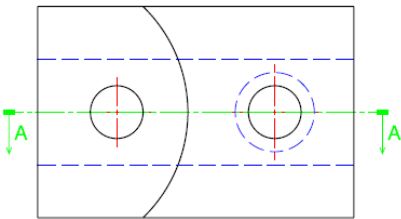
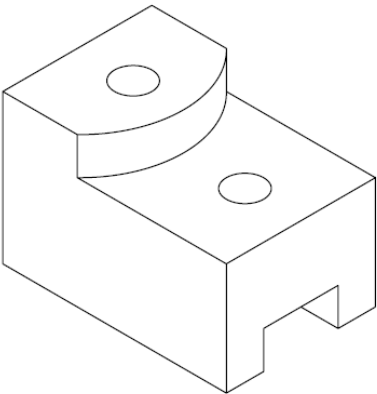
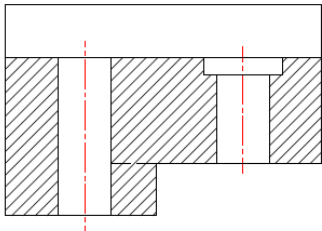
6.18.7



6.18.18



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8.57.13

