Week Feb 17-21 CP GEOMETRY

Monday - No class as Teacher Inservice

Tuesday - Work day on various problems from chapter 9 trig use (see next slide and GC post) - Students can work together as substitute (report to Mr. Spiri's room to work)

Wednesday - Students present their 1 problem solution for 1 minute = 10 pts to the class and Mrs. Pletcher showing their prepared and planned work from returned homework worksheet last week. Then continue work on list of problems.

Thursday - Continue and finalize work from Tuesday assignment. Mrs. Pletcher will be circulating and assessing students work such as is the diagram from the application problem correct and its solution method.

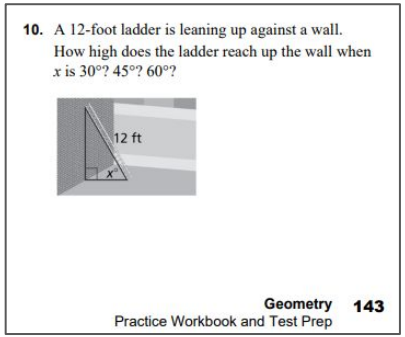
Friday - Collect work, review, and assign next presentation problem from this list. Depending on time, students will explore problems from SAT prep books pg. 213-225 sections 6-1 Angles & 6-2 Triangles.

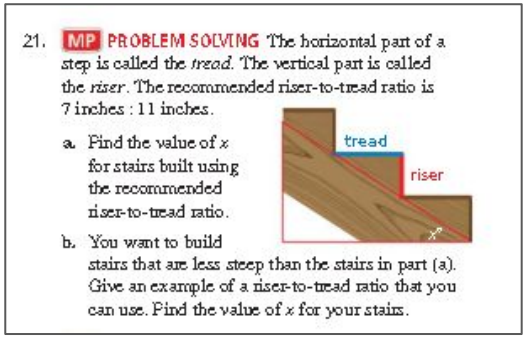
These problems are taken from Chapter 9 and include SAT test prep, application word problems, and reviews. STEPS and work must be shown.

Assignment consists of the following

1) Soft Practice book

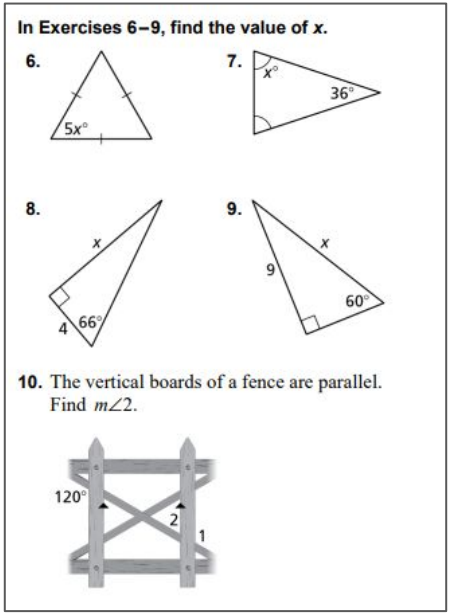
- pg 143 all.
- pg 147 all
- pg 148 1, 6-10
- pg 149 all,
- pg 150 # 1-4, 7


10. A 12-foot ladder is leaning up against a wall. How high does the ladder reach up the wall when x is 30°? 45°? 60°?


21. MP PROBLEM SOLVING The horizontal part of a step is called the *tread*. The vertical part is called the *riser*. The recommended riser-to-tread ratio is 7 inches : 11 inches.

a. Find the value of x for stairs built using the recommended riser-to-tread ratio.

b. You want to build stairs that are less steep than the stairs in part (a). Give an example of a riser-to-tread ratio that you can use. Find the value of x for your stairs.


In Exercises 6–9, find the value of x.

6.

7.

8.

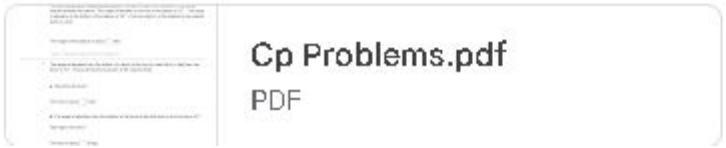
9.

10. The vertical boards of a fence are parallel. Find $m\angle 2$.

2) Then do ONLINE/Hardcopy textbook pg 487+ - to copy a summary problems onto paper then work shown for answer.

- Section 9.6 # 17, 19-24

3) Then work on problems from a handout Chapter 9 given Wednesday after presentations -- All due Friday 2/21.


Cp Problems.pdf
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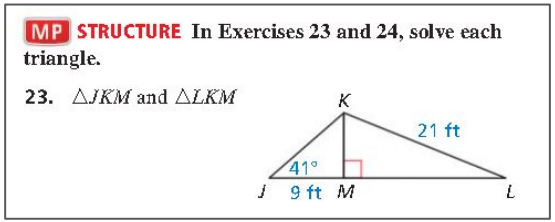
MP STRUCTURE In Exercises 23 and 24, solve each triangle.

23. $\triangle JKM$ and $\triangle LKM$