5. Do #9 on page 22.
a) 
b) 
c) 

6. a) Turn to page 25. Define grade. ____________________________________________

b) Write the formula for percent grade in the space below.

c) Turn to page 26. Define tangent ratio (top side bar): ________________________

__________________________________________________________________________

d) Define angle of elevation: ________________________________________________

__________________________________________________________________________

e) Fill in the blanks: The slope of a line (_______/_______) is the _____________
(opposite/adjacent) of the angle of elevation. When you know the ____________
(slope) you can use the _____________ tangent function [_____________] to find the
___________________ __ _____________________.

f) Because ___________ is equal to the __________ of the angle of elevation, you can convert
an angle of elevation to a ____________________________ by using the following expression:

   copy expression here:

7. Determine the % grade from these angles of elevation:
a) 12°  
b) 10°  
c) 7.5°  
d) 13.2°  
e) 5°

8. Determine the angle of elevation from these % grades.
a) 5.2%  
b) 17.5%  
c) 12.2%  
d) 26.2%  
f) 7%


10. Do #4 on page 31.

11. Do #6 on page 32.