Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Geometry 1-3 & 1.7 Extra Practice





1. 2. Points *N*, *O* and *P* are collinear and *O* is between *N*

 and *P*. If *NO =* 2*y +* 11, *OP =* 3*y −* 2, *NP =* 6*y +* 3, and *MP =* 64, find each value.



3. 4.



5. 6.



7. 8. **Find *KL*, *LM* and *KM*.**



9. 

Use the figure to answer 10-13.



10. Are segments $\overbar{AC}$ and $\overbar{BD}$ congruent? 11. Are segments $\overbar{AD}$ and $\overbar{BE}$ congruent?



12. 13.

**Find a) the midpoint of each segment and b) the distance between each point.**

14**.** *Q* (9, −2) and *R* (3, 5) 15. *D* (32, 4) and *E* (20, 8)

16. 17.