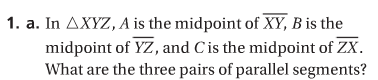
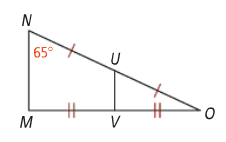
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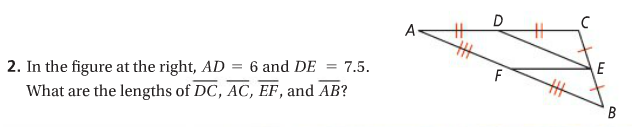
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| --- | --- |
| **Key Concept** | **Notes** |
| Midsegment |  |
| Triangle Midsegment Theorem | If a segment joins the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of two sides of a triangle, then the segment is:  a)  b) |
| Problem 1 | What are the three pairs of parallel segments in Δ*DEF*? |
| Problem 2 | In Δ*QRS*, *T*, *U*, and *B* are midpoints. What are the lengths of , , and ? |
| Problem 3 | A geologist wants to determine the distance, *AB*, across a sinkhole. Choosing point *E* outside the sinkhole, she finds the distances *AE* and *BE*. She locates the midpoints *C* and *D* of and and then measures . What is the distance across the sinkhole? |

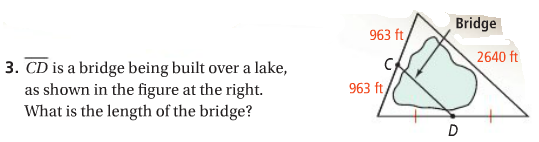
APPLICATION

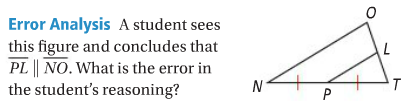










COMPREHENSION

**4**.