


# 9.1 Independent Practice

 **TEKS** 7.11.C

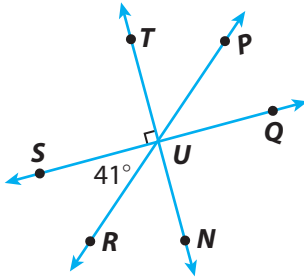


**Personal Math Trainer**

Online Assessment and Intervention

[my.hrwc.com](http://my.hrwc.com)

For Exercises 7–11, use the figure.



7. Name a pair of adjacent angles. Explain why they are adjacent.

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8. Name a pair of acute vertical angles.

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9. Name a pair of supplementary angles.

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10. **Justify Reasoning** Find  $m\angle QUR$ . Justify your answer.

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11. **Draw Conclusions** Which is greater,  $m\angle TUR$  or  $m\angle RUQ$ ? Explain.

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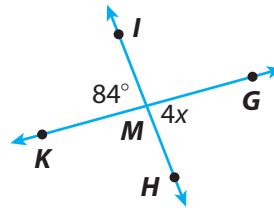
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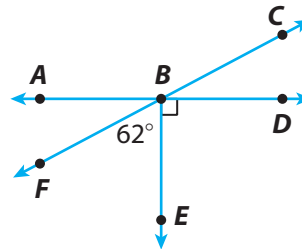
Solve for each indicated angle measure or variable in the figure.



12.  $x$  \_\_\_\_\_

13.  $m\angle KMH$  \_\_\_\_\_

Solve for each indicated angle measure or variable in the figure.

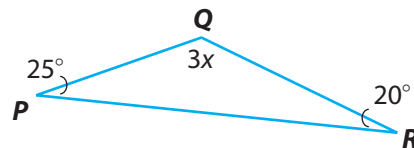


14.  $m\angle CBE$  \_\_\_\_\_

15.  $m\angle ABF$  \_\_\_\_\_

16.  $m\angle CBA$  \_\_\_\_\_

Solve for each indicated angle measure or variable in the figure.



17.  $x$  \_\_\_\_\_

18.  $m\angle Q$  \_\_\_\_\_