### Lesson 14 Practice Problems

1. Use the diagram to find the measure of each angle.
	1. $m∠ABC$
	2. $m∠EBD$
	3. $m∠ABE$
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* (From Unit 1, Lesson 9.)
1. Lines $k$ and $ℓ$ are parallel, and the measure of angle $ABC$ is 19 degrees.
* 
	1. Explain why the measure of angle $ECF$ is 19 degrees. If you get stuck, consider translating line $ℓ$ by moving $B$ to $C$.
	2. What is the measure of angle $BCD$? Explain.
1. The diagram shows three lines with some marked angle measures.
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* Find the missing angle measures marked with question marks.
1. Lines $s$ and $t$ are parallel. Find the value of $x$.
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1. The two figures are scaled copies of each other.
	1. What is the scale factor that takes Figure 1 to Figure 2?
	2. What is the scale factor that takes Figure 2 to Figure 1?
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