

# Finding Angle Measures

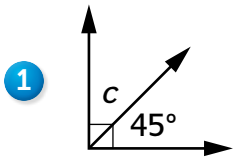
## Lesson 6-11

DATE

TIME

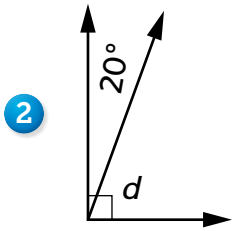


Find the unknown angle measures in Problems 1–5. Do *not* use a protractor.



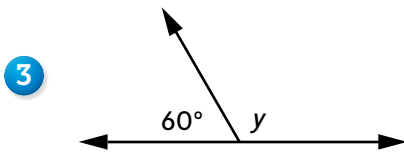
Equation with unknown: Sample answer:  $90^\circ - 45^\circ = c$

Answer: 45<sup>°</sup>



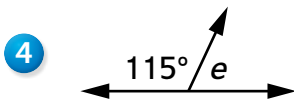
Equation with unknown: Sample answer:  $20^\circ + d = 90^\circ$

Answer: 70<sup>°</sup>



Equation with unknown: Sample answer:  $180^\circ - 60^\circ = y$

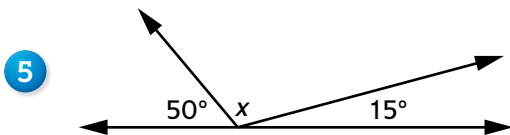
Answer: 120<sup>°</sup>



Equation with unknown: Sample answer:  $115^\circ + e = 180^\circ$

Answer: 65<sup>°</sup>

### Try This



Equation with unknown: Sample answer:  $50^\circ + x + 15^\circ = 180^\circ$

Answer: 115<sup>°</sup>