

If necessary, round your answers to 1 decimal digit.

**1 a.** Grace travels in an airplane a distance of 1920 miles. For one-half of the distance, the airplane flies at a speed of 520 miles per hour, and for the rest of the distance, it flies at a speed of 820 miles per hour. How long does the trip take?

**2 a.** Caleb travels in an airplane a distance of 1740 miles. For one-fourth of the distance, the airplane flies at a speed of 740 miles per hour, and for the rest of the distance, it flies at a speed of 800 miles per hour. How long does the trip take?

**3 a.** Julia travels in an airplane a distance of 2400 miles. For one-third of the distance, the airplane flies at a speed of 520 miles per hour, and for the rest of the distance, it flies at a speed of 620 miles per hour. How long does the trip take?

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key

**1 a.** The trip takes 3 hours and 1 minutes or 3 hours.

**2 a.** The trip takes 2 hours and 13 minutes or 2.2 hours.

**3 a.** The trip takes 4 hours and 7 minutes or 4.1 hours.