

# Estimate Differences

**TAKS Objective 1**  
**TEKS 3.5A, 3.5B**

Use estimation to solve each problem. Show your work.

1. The Wright brothers built and flew the first successful airplane in 1903. Their first flight lasted 12 seconds. Their longest flight was 59 seconds. About how much longer was their longest flight than their first flight?

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3. In 1927, Charles Lindbergh flew the first non-stop flight across the Atlantic Ocean. His plane, the *Spirit of St. Louis*, had a wingspan of 552 inches. About how much wider was the *Spirit of St. Louis* than the *Flyer*?

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5. The *Spirit of St. Louis* weighed 2,150 pounds. The *Flyer* weighed 1,545 pounds less than the *Spirit*. Explain why rounding these two numbers to the greatest place will not give a reasonable estimate for how much the *Flyer* weighed.

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2. The Wright brothers' airplane was named *Flyer*. It was 253 inches long. It had a wingspan, or width, of 484 inches. About how much wider was the *Flyer* than it was long?

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4. News reporters came to see the Wright brothers flight. A reporter from Chicago had to travel 958 miles. If he had traveled 764 miles, about how many more miles will he have to travel to complete the trip?

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6. Laura spent \$14.87 on the two books about the Wright brothers. She paid \$8.79 for one book. About how much did the other book cost?

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