

Homework 4

Solve each equation. Use a different sheet of paper for work and box answers!

1) $6(-7 - m) = -4m - 38$

2) $-34 + n = 2(4 + 7n) - 7n$

Simplify.

3) $\sqrt{324}$

4) $\sqrt{225}$

5) $-\sqrt{2} + 2\sqrt{54} - \sqrt{2}$

6) $3\sqrt{45} - 2\sqrt{6} + 2\sqrt{6}$

7) $\sqrt{3}(-3\sqrt{5} - \sqrt{6})$

8) $\sqrt{3}(\sqrt{5} - \sqrt{3})$

9) $\frac{4\sqrt{6}}{\sqrt{25}}$

10) $\frac{\sqrt{15}}{\sqrt{3}}$

Use a ruler to measure the length of each line segment. Measure each segment in centimeters. Round your measurements to the nearest centimeter.



Use a ruler to measure the length of each line segment. Measure each segment in millimeters. Round your measurements to the nearest millimeter. Also state the maximum error and maximum percent of error in each measurement.

