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> Section 2-10 Change Expressed as a Percent

Students will be able to: -find percent changes -find the relative error in linear and

nonlinear measurements

Which is the better discount?

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When a sale is for 20% off, this is an example of percent change.

You can find percent change by the following: \$284 ⇒ \$20

percent change = amount of increase or decrease

$$\frac{284 - 20}{284} = \frac{264}{284}$$

$$\approx 93\%$$

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What is the percent of increase in the cost for a can of pop in the last 20 years?

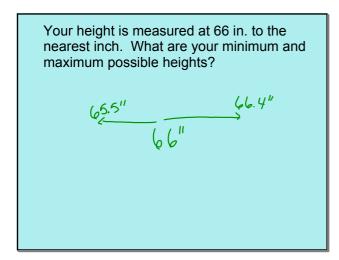
$$\frac{.85 - .50}{.50} = \frac{.35}{.5} \approx 70\%$$

You can use percents to compare estimated or measured values to actual or exact values.

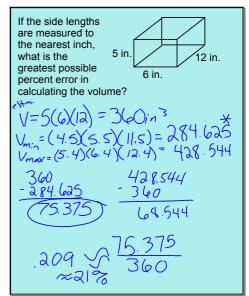
Relative Error = <u>|measured or estimated value - actual value|</u>
actual value

Miles from Howard to Minneapolis:

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Hwk: pg. 148 - 150 #8, 14, 16, 20 - 38 evens

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