

Activity 11 Assessment

Working with Whole Number Percents

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Writes a whole number percent between 1% and 100% as a fraction and a decimal

$$73\% = \frac{73}{100} = 0.73$$

Writes a whole number percent greater than 100% as a mixed number and a decimal

$$282\% = \frac{282}{100} = 2\frac{82}{100} = 2.82$$

Writes a mixed number as a percent

$$4\frac{3}{5} = 4\frac{60}{100} = \frac{460}{100} = 460\%$$

Solves a problem involving a percent greater than 100%

The price of a T-shirt is \$9.99.
The cost including sales tax is 113% of the price.
What is the cost of the T-shirt?

Cost:
113% of \$9.99
= $1.13 \times \$9.99$
≈ \$11.29

The T-shirt costs \$11.29.

Observations/Documentation