

Activity 16 Assessment

Relating Fractions, Decimals, and Percents

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Writes a decimal as a percent

$$0.6 = \frac{60}{100} = 60\%$$

Writes a fraction as a percent

I need to write the fraction with a denominator of 100 first.

$$\frac{4}{5} = \frac{80}{100} = 80\%$$

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

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

Solves a problem involving a percent between 1% and 100%

The price of a T-shirt is \$19.99.
It is on sale for 15% off.
What is the approximate sale price of the T-shirt?

Cost:

15% of \$19.99

\approx 15% of \$20

10% of \$20 = \$2

5% of \$20 = \$1

The discount is about \$3.

So, the sale price is about \$17.

Observations/Documentation