

Percentages

<u>Fraction</u>	<u>Percentage</u>	<u>Number</u>
12/100	12%	0.12
58/100	58%	0.58
2/5	40%	0.40
26/100	26%	0.26



Setting a Price



Markup

The difference between the amount a dealer sells a product for and the amount he or she paid for it.



Cost to make:
\$8.00

$$\begin{array}{r} \$10.00 \\ - \quad 8.00 \\ \hline \$ \quad 2.00 \end{array}$$



Percent

percent means "out of 100"; a percentage is a ratio in which the denominator is 100.



Cost to make:
\$8.00

The markup is usually a percent.

The markup of the T-shirts is 25%.



Cost to make:
\$8.00



The markup
of the T-shirts
is 25%.

There are
two ways
to calculate the
selling price.



1. Cost x Percent

$$\begin{aligned} & \$8.00 \times 0.25 \\ & = \$2.00 \end{aligned}$$

2. Cost + Markup

$$\begin{aligned} & \$8.00 + \$2.00 \\ & = \$10.00 \end{aligned}$$

OR

Cost x Percent

$$\begin{aligned} & \$8.00 \times 1.25 \\ & = \$10.00 \end{aligned}$$

Includes 100% of the
original price and
the 25% mark up.



What else
affects
selling price?





Goods and Services Tax

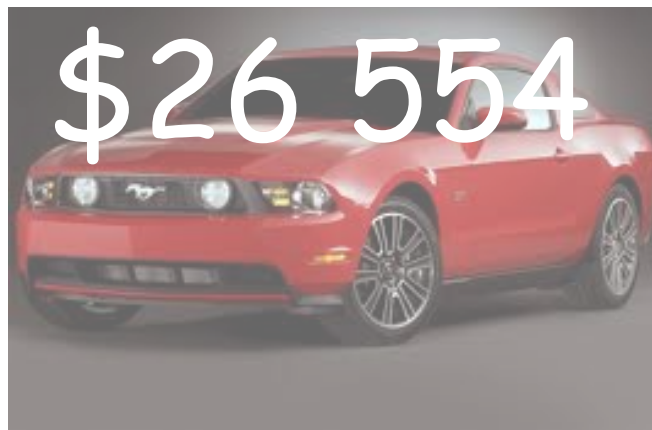
Province	GST	PST	HST
NS			15%
NB			13%
NFLD			13%
PEI	5%	10%	



Provincial Sales Tax



Harmonized Sales Tax



1. Cost x Percent (tax)
= $\$26\,554 \times 0.13$
= $\$3452.02$
2. Cost + Tax
= $\$26\,554 + \3452.02
= $\$30006.02$

OR

$$\begin{aligned} &\text{Cost x Percent} \\ &= \$26\,554 \times 1.13 \\ &= \$30\,006.02 \end{aligned}$$

Includes 100% of the original price and the 13% tax.



Arlene purchases fabric at a wholesale price for her custom sewing business in Cavendish, PEI.

She pays \$46.00/m.

She charges a markup of 20% on the fabric.

What will Arlene charge her clients per metre?





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What will Arlene charge her clients per metre?

OR

1. Cost x Percent

$$= \$46.00 \times 0.20$$

$$= \$9.20$$

2. Cost + Markup

$$= \$46.00 + \$9.20$$

$$= \$55.20$$

Cost x Percent

$$= \$46.00 \times 1.20$$

$$= \$55.20$$



Page 32
Questions 1 - 8

