


# DIVIDE DECIMALS

## APPLICATIONS

### BETTER BUY

Calculate the cost per unit indicated for the two items in each box. Then choose the better buy – the 1<sup>st</sup> one or the 2<sup>nd</sup> one.

<p>PERFUME (\$ / mL)</p> <p>\$50 for 100 mL OR \$80 for 150 mL</p>		<p>CAR HIRE (\$ / hour)</p> <p>\$100 for 5 hours OR \$150 for 8 hours</p>	<p>FABRIC (\$ / m)</p> <p>\$6.95 for 0.5 m OR \$67.95 for 5 m</p>
<p>MILK (\$ / L)</p> <p>\$4 for 1.5 L OR \$2.50 for 2.4 L</p>	<p>T-SHIRTS (\$ / shirt)</p> <p>3 shirts for \$24 OR 4 shirts for \$36</p>	<p>MOVIE TICKETS (\$ / ticket)</p> <p>5 tickets for \$38 OR 6 tickets for \$42</p>	
<p>SODA DRINK (\$ / mL)</p> <p>\$2.50 for 375 mL OR \$3.25 for 500 mL</p>	<p>CARPET (\$ / m)</p> <p>\$20 per metre OR \$39 for 2.8 metres</p>		<p>ORANGES (\$ / kg)</p> <p>\$4 for 350 grams OR \$8 for 0.75 kg</p>
	<p>BANANAS (\$ / kg)</p> <p>\$15 for 6.2 kg OR \$12 for 5.5 kg</p>	<p>ICECREAM (\$ / sundae)</p> <p>\$9.50 for 5 OR \$6 for 3</p>	

# ANSWERS

ITEM	COST OF FIRST ITEM	COST OF SECOND ITEM	BETTER BUY
Perfume	\$0.50 / mL	\$0.53 / mL	1 <sup>st</sup>
Car hire	\$20.00 / h	\$18.75 / h	1 <sup>st</sup>
Fabric	\$13.90 / m	\$13.59 / m	2 <sup>nd</sup>
Milk	\$2.67 / L	\$1.04 / L	2 <sup>nd</sup>
T-shirt	\$8.00 / shirt	\$9.00 / shirt	1 <sup>st</sup>
Movie ticket	\$7.60 / ticket	\$7.00 / ticket	2 <sup>nd</sup>
Soda drink	\$0.0067 / mL	\$0.0065 / mL	2 <sup>nd</sup>
Carpet	\$20.00 / m	\$13.93 / m	2 <sup>nd</sup>
Orange	\$11.43 / kg	\$10.67 / kg	2 <sup>nd</sup>
Banana	\$2.42 / kg	\$2.18 / kg	2 <sup>nd</sup>
Ice-cream	\$1.90 / sundae	\$2.00 / sundae	1 <sup>st</sup>