

"PER" MEANS $\frac{\circ}{\circ}$
 \$ ROUNDED TO 2 DECIMALS

Unit Price

Name _____

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- 1) 6 bottles of water cost \$2.49. Determine the cost per bottle.

$$\frac{\text{Cost}}{\text{Bottle}} = \frac{\$2.49}{6} = \boxed{\$0.42}$$

- 2) 24 bottles of water cost \$5.99. Determine the cost per bottle.

$$\frac{\text{Cost}}{\text{Bottle}} = \frac{\$5.99}{24} = \boxed{\$0.25}$$

- 3) 30 litres of gasoline cost \$34.57. Determine the cost per litre.

$$\frac{\text{Cost}}{\ell} = \frac{\$34.57}{30} = \boxed{\$1.15}$$

- 4) 47 litres of gasoline cost \$60.76. Determine the cost per litre.

$$\frac{\text{Cost}}{\ell} = \frac{\$60.76}{47} = \boxed{\$1.29}$$

- 5) 5 puppies cost \$620. Determine the cost per puppy.

$$\frac{\text{Cost}}{\text{Puppy}} = \frac{\$620}{5} = \boxed{\$124}$$

- 6) 23 puppies cost \$34. Determine the cost per puppy.

$$\frac{\text{Cost}}{\text{Puppy}} = \frac{\$34}{23} = \boxed{\$1.48}$$

WOW,
 THAT'S CHEAPER
 THAN A COSTCO
 HOT DOG.

- 7) 2 TVs cost \$920. Determine the cost per TV

$$\frac{\text{Cost}}{\text{TV}} = \frac{\$920}{2} = \boxed{\$460}$$

- 8) $\frac{1}{4}$ of a TV costs \$200. Determine the cost per TV

$$\boxed{\$200} \times 4 = \boxed{\$800}$$

- OR -

$$\frac{\text{Cost}}{\text{TV}} = \frac{200}{\frac{1}{4}} = 200 \times \frac{4}{1} = \boxed{\$800}$$

- 9) 3.5 pounds of cheese costs \$12. Determine the cost per pound.

$$\frac{\text{Cost}}{\text{lb}} = \frac{\$12}{3.5} = \boxed{\$3.43}$$

- 10) 0.2 pounds of cheese costs \$4.10. Determine the cost per pound.

$$\frac{\text{Cost}}{\text{lb}} = \frac{\$4.10}{0.2} = \boxed{\$20.50}$$

- 11) 4.7 kgs of coffee costs \$42.99. Determine the cost per 5 kg.

$$\frac{\text{cost}}{\text{kg}} = \frac{\$42.99}{4.7} = \boxed{\$9.15}$$

- 13) 2 kgs of coffee costs \$16.49. Determine the cost per pound. (1kg = 2.2 pounds)

$$2 \text{ kg} \times \frac{2.2 \text{ lbs}}{1 \text{ kg}} = 4.4 \text{ lbs.}$$

$$\frac{\text{cost}}{\text{lb}} = \frac{\$16.49}{4.4} = \boxed{\$3.75}$$

- 15) 12 toothbrushes cost \$4.20. Determine the cost of 31 toothbrushes.

$$\frac{\text{cost}}{\text{TB}} = \frac{\$4.20}{12} = \$0.35 \times 31$$
$$\boxed{\$10.85}$$

- 12) 600 grams of coffee costs \$6.99. Determine the cost per kg (1kg = 1000 grams)

$$600 \text{ g} \times \frac{1 \text{ kg}}{1000 \text{ g}} = \frac{600}{1000} = 0.6 \text{ kg}$$

$$\frac{\text{cost}}{\text{kg}} = \frac{\$6.99}{0.6 \text{ kg}} = \boxed{\$11.65}$$

- 14) 1200 grams of coffee costs \$8.79. Determine the cost per pound. (1kg = 2.2 pounds)

$$1200 \text{ g} \times \frac{1 \text{ kg}}{1000 \text{ g}} = 1.2 \text{ kg} \times \frac{2.2 \text{ lb}}{1 \text{ kg}} = 2.64$$

$$\frac{\text{cost}}{\text{lb}} = \frac{\$8.79}{2.64 \text{ lb}} = \boxed{\$3.33}$$

- 16) 8 yards of fabric costs \$70.32. Determine the cost of 2 metres. (1 yard = 0.9144m)

$$8 \text{ y} \times \frac{0.9144 \text{ m}}{1 \text{ y}} = 7.3152 \text{ m}$$

$$\frac{\text{cost}}{\text{m}} = \frac{\$70.32}{7.3152} = \$9.57 \times 2$$
$$\boxed{\$19.14}$$