

★ "PER" MEANS $\div$

★ Round 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.

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

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

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

- 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.

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

- 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.

$$\frac{\text{Cost}}{\text{TV}} = \frac{\$200}{\frac{1}{4}} = \frac{\$200}{0.25} = \boxed{\$800}$$

$$\begin{array}{|c|c|} \hline \$200 & \$200 \\ \hline \$200 & \$200 \\ \hline \end{array} = \boxed{\$800}$$

- 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.

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

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

$$\begin{aligned} \textcircled{1} \frac{\text{Cost}}{\text{kg}} &= \frac{\$42.99}{4.7} = \$9.15 \text{ per kg} \\ &\times 5 \text{ kg} \\ &= \boxed{\$45.73} \end{aligned}$$

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

$$\begin{aligned} \textcircled{1} 1000 \text{ g} &= 1 \text{ kg} \\ 500 \text{ g} &= 0.5 \text{ kg} \\ 600 \text{ g} &= 0.6 \text{ kg} \\ \textcircled{2} \frac{\text{Cost}}{\text{kg}} &= \frac{\$6.99}{0.6} = \boxed{\$11.65} \end{aligned}$$

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

$$\begin{aligned} \textcircled{1} 2 \text{ kg} &= 4.4 \text{ pounds} \\ \textcircled{2} \frac{\text{Cost}}{\text{lb}} &= \frac{\$16.49}{4.4} = \boxed{\$3.75} \end{aligned}$$

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

$$\begin{aligned} \textcircled{1} 1000 \text{ g} &= 1 \text{ kg} \\ 1200 \text{ g} &= 1.2 \text{ kg} \\ &\times 2.2 \\ &= 2.64 \text{ lb} \\ \textcircled{2} \frac{\text{Cost}}{\text{lb}} &= \frac{\$8.79}{2.64} = \boxed{\$3.33} \end{aligned}$$

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

$$\begin{aligned} \textcircled{1} \frac{\text{Cost}}{\text{Brush}} &= \frac{\$4.20}{12} = \$0.35 \text{ EACH} \\ &\times 31 \\ \textcircled{2} &= \boxed{\$10.85} \end{aligned}$$

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

$$\begin{aligned} \textcircled{1} 8 \times 1 \text{ y} &= 0.9144 \text{ m} \times 8 \\ 8 \text{ y} &= 7.3152 \text{ m} \\ \textcircled{2} \frac{\text{Cost}}{\text{m}} &= \frac{\$70.32}{7.3152} = \$9.57 \\ \textcircled{3} &9.57 \\ &\times 2 \\ &= \boxed{\$19.14} \end{aligned}$$