

T-shirt Sale

T-shirt Sale
Any 3 T-shirts for \$14.50



1. Tom bought these three T-shirts at the sale price of \$14.50.
How much money did he save compared to the original total price of the T-shirts?

Show your calculations.

$$\begin{array}{r} 3.99 \\ 6.99 \\ + 5.99 \\ \hline 16.97 \end{array} \quad \begin{array}{r} 16.97 \\ - 14.50 \\ \hline 2.47 \end{array}$$

\$ 2.47

2. What percentage of the original total price did Tom save?

≈ 14.555 %

Show your work.

$$\frac{x}{100} = \frac{2.47}{16.97} \quad \frac{2.47}{16.97} = x = 14.555$$

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.

What is the original total price of his three T-shirts?

\$ 20.71

Show your calculations.

$$14.50 = 0.70x$$

$$\frac{14.50}{0.70} = x = 20.71$$

$$\frac{20.71}{100} = \frac{6.21}{20.71} \quad \frac{6.21}{20.71} = x = 29.99$$

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\$ 2.47

$$\begin{array}{r} 3.99 \\ + 6.99 \\ + 5.99 \\ \hline 16.97 \\ - 14.50 \\ \hline \end{array}$$

2. What percentage of the original total price did Tom save?

Show your work.

15 %

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.

What is the original total price of his three T-shirts?

\$ 20.71

Show your calculations.

$$X \times .70 = 14.50$$

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\$ 2.47

$$3.99 + 6.99 + 5.99 = 16.97$$

$$16.97 - 14.50 = 2.47$$

2. What percentage of the original total price did Tom save? ≈ 14.55 %

Show your work.

$$\frac{2.47}{16.97} = 0.1455$$

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.

What is the original total price of his three T-shirts?

\$ 20.71

Show your calculations.

$$\frac{x - 14.50}{x} = 0.3$$

$$x - 14.50 = 0.3x$$

$$0.7x = 14.50$$

$$x = 20.71$$

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Show your calculations.

$$\begin{array}{r}
 3.99 \\
 + 6.99 \\
 + 5.99 \\
 \hline
 16.97
 \end{array}$$

$$\begin{array}{r}
 16.97 \\
 - 14.50 \\
 \hline
 2.47
 \end{array}$$

\$ 2.47

2. What percentage of the original total price did Tom save?

Show your work.

$$\begin{array}{r}
 14.55 \\
 1697 \overline{) 2.47} \\
 \underline{1697} \\
 770 \\
 \underline{770} \\
 0
 \end{array}$$

14.55%

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.

What is the original total price of his three T-shirts? \$ 20

Show your calculations.

$$\begin{aligned}
 x - .3x &= 14.5 \\
 .7x &= 14.5 \\
 x &= 20
 \end{aligned}$$

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1. Tom bought these three T-shirts at the sale price of \$14.50.
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Show your calculations. \$ 2.47

$$3.99 + 6.99 + 5.99 = 16.97$$

$$16.97 - 14.5 = 2.47$$

2. What percentage of the original total price did Tom save? ~ 14.56 %
Show your work.

$$\frac{2.47}{16.97} = .145551$$

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.
What is the original total price of his three T-shirts? ~ \$ 20.71

Show your calculations.

$$\frac{1450}{n} = \frac{70}{100}$$

$$\frac{145}{70} = 20.714286$$