Name: .... Class: ....

Find the original price from sale prices

1.

sale
25% off
original price

Peter wants to buy a maths book. If the sale price is $39, what was the original price?

Set up an equation for finding the original price of the math book on sale.

Sale price (s) = Original price (p) x percent paid (p).

Sale price = $39.

Percent paid = 100% - percent off (discount percent).

100% - 25% = 75%

Convert 75% to decimal = 75 ÷ 100 = 0.75.

Substitude the sale price and percent paid in the equation.

$ 39 = original price x 0.75

Original price = $\dfrac{\$\ 39}{0.75}$ = **$52**

Therefore, the original price of the maths book was $52.

2. Therefore, the original price of the apples was $30.

3. So, the original price of the item was $33,333.

4. So, the original price of the headphones was $171.75.

5. So, the original price was $18,985.

Name: .... Class: ....

Find the original price from sale prices

1.
sale
25% off
original price

Peter wants to buy a maths book. If the sale price is $ 39, what was the original price?

2.
sale
60%off
original price

It is the end of the apple season and apples are going on sale. Betila buys the healthiest apples she can find for $ 12. What was the original price of the apples?

3. If Kevin bought an item for $25, 000 after a discount of 25 %. What was the original price of the item? Write your answer to the nearest whole number.

4. "Guarantee Electronics" is selling headphones at $145.99 after a 15% off discount. What was the original price of the headphones? Give your answer to the nearest cent.

5. An electronics store is having a sale on TV sets. If the sale price of a 90 Inch Flat-Screen is $14,998.00, and the discount percent was 21%, determine the original price. Write your answer to the nearest whole number.