Answer on Question #44483 – Math - Algebra

Dissmore's has reduced prices by 19% on everything to thank their customers for their patronage. If Ben & Jerry's ® Phish Food TM ice cream cost $2.99 before the price reduction, how much does it cost now? (Round your answer to the nearest penny.)

Solution:

2.99 is old price. Let x will be a new price of ice cream. Then we have ratio

2.99— 100%

X   — (100-19)%=81%

From here we obtained

X=2.99*81/100=2.42 $ - new price of ice cream.

Answer $2.42 new price of ice cream.