Algebra Worksheet
Word Problems

1. How many gal. of a 40% sugar solution must be mixed with 9 gal. of pure water to make a 23% solution?

   Answer: **12.18 gal.**

2. 10 oz of dried apples which costs $3.5/oz were mixed with 5 oz of dried banana chips which cost $2/oz to make mixed dried fruits. What is the price per oz of mixed dried fruits?

   Answer: **$3/oz**

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