



## Weight & Mass: Mass and Weight Word Problems






Grade 5

Name: \_\_\_\_\_

Solve mass and weight word problems.

16 oz = 1 lb | 1,000 g = 1 kg

**Example:** Remember these conversions: • 16 ounces = 1 pound • 1000 grams = 1 kilogram

- (1)  A package weighs 5.2 kilograms. How many grams is that?
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- (2)  A bag of apples weighs 3.5 pounds. How many ounces is that?
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- (3)  A cake recipe calls for 750 grams of flour. How many kilograms is that?
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- (4)  A baby weighs 9 pounds 10 ounces. What is the baby's weight in total ounces?
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- (5)  Which is heavier: a watermelon weighing 6.5 kg or a basket of oranges weighing 6,800 grams?
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(6) 🐕 A dog gained 1.5 pounds. If it initially weighed 25 pounds, what is its new weight in ounces?

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(7) 🎒 A student's backpack weighed 8,000 grams. After removing a book, it weighed 7.2 kilograms. How many grams did the book weigh?

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(8) 📦 A small box weighs 2 pounds 3 ounces. Another box weighs 38 ounces. Which box is lighter?

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(9) 🥕 A farmer harvested 3.7 kg of carrots and 2,500 grams of potatoes. What is the total mass in kilograms?

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(10) 📁 A large envelope weighs 20 ounces. What is its weight in pounds?

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