

## 38. How to convert between metric and imperial units of weight



### Scenario Questions:

1. Jamie wants to bake a cake and the recipe calls for 250 grams of sugar. How many ounces of sugar does Jamie need? (1 ounce = 28.35 grams)

2. Emma is going on a trip and her luggage cannot exceed 20 kilograms. How many pounds can Emma bring with her? (1 pound = 0.45 kilograms)

3. Lisa wants to weigh herself using a scale that shows pounds. If she weighs 75 kilograms, how much does she weigh in pounds? (1 pound = 0.45 kilograms)

4. Ben wants to buy apples at the grocery store and the price is given in pounds. If Ben wants to buy 1.5 kilograms of apples, how many pounds of apples should he buy? (1 pound = 453.6 grams)

5. Sarah is training for a weight lifting event and wants to track her progress. If Sarah can lift 187 pounds, approximately how many kilograms is she lifting? (2.2 pounds = 1 kilogram)

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### Scenario Questions:

6. Pedro is on a diet and wants to track his food intake. If Pedro ate a snack that weighed 100 grams, how many ounces did he eat? (1 ounce = 28.35 grams)

7. Emily is trying to gain weight and wants to monitor her progress in pounds. If Emily currently weighs 65 kilograms, how much does she weigh in pounds? (2.2 pounds = 1 kilogram)

8. Mike is a weightlifter and wants to track his gains. If Mike just lifted 500 grams, approximately how many ounces did he lift? (1 ounce = 28.35 grams)

9. Marie is a nutritionist and is helping her client calculate food intake. If her client ate 2.5 kilograms of food, approximately how many pounds did they consume? (2.2 pounds = 1 kilogram)

10. David is on a diet and wants to track his calorie intake. If he consumed a snack that had 150 grams, approximately how many ounces did he eat? (1 ounce = 28.35 grams)

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### Scenario Questions: **Answers**

1. Jamie wants to bake a cake and the recipe calls for 250 grams of sugar. How many ounces of sugar does Jamie need? (1 ounce = 28.35 grams)

**1. Approximately 8.8 ounces**

2. Emma is going on a trip and her luggage cannot exceed 20 kilograms. How many pounds can Emma bring with her? (1 pound = 0.45 kilograms)

**2. Approximately 44.4 pounds**

3. Lisa wants to weigh herself using a scale that shows pounds. If she weighs 75 kilograms, how much does she weigh in pounds? (1 pound = 0.45 kilograms)

**3. Approximately 166.6 pounds**

4. Ben wants to buy apples at the grocery store and the price is given in pounds. If Ben wants to buy 1.5 kilograms of apples, how many pounds of apples should he buy? (1 pound = 453.6 grams)

**4. Approximately 3.3 pounds**

5. Sarah is training for a weight lifting event and wants to track her progress. If Sarah can lift 187 pounds, approximately how many kilograms is she lifting? (2.2 pounds = 1 kilogram)

**5. Approximately 85 kilograms**

6. Tom is on a diet and wants to track his food intake. If Tom ate a snack that weighed 100 grams, how many ounces did he eat? (1 ounce = 28.35 grams)

**6. Approximately 3.5 ounces**

7. Emily is trying to gain weight and wants to monitor her progress in pounds. If Emily currently weighs 65 kilograms, how much does she weigh in pounds? (2.2 pounds = 1 kilogram)

**7. Approximately 143 pounds**

8. Mike is a weightlifter and wants to track his gains. If Mike just lifted 500 grams, approximately how many ounces did he lift? (1 ounce = 28.35 grams)

**8. Approximately 17.6 ounces**

9. Marie is a nutritionist and is helping her client calculate their food intake. If her client ate 2.5 kilograms of food, approximately how many pounds did they consume? (2.2 pounds = 1 kilogram)

**9. Approximately 5.5 pounds**

10. David is on a diet and wants to track his calorie intake. If he consumed a snack that had 150 grams, approximately how many ounces did he eat? (1 ounce = 28.35 grams)

**10. Approximately 5.3 ounces**