6. If $\frac{1}{2}$ pound of meat sells for $3.50, how much meat can be bought for $8.75?

7. Willis scores an average of 7 foul shots in every 10 attempts. At the same rate, how many shots would he score in 200 attempts?

8. There are about 60 calories in 30g of canned salmon. About how many calories are there in 210g can?

9. There are 81 calories in the slice of bread that weight 30g. How many calories are there in a loaf of this bread that weighs 600g?

10.   There are about 17 calories in three medium size shelled peanuts. John ate 30 such peanuts. How many calories were there in the peanut she ate?

11.   A train travelled 90 miles in $1\frac{1}{2}$ hours. At the same rate, how long will the train take to travel 330 miles?

12.   The weight of 20m of copper wire is 0.9kg. Find the weight of 170m of the same wire.

13.   In a certain concrete mixture, the ratio of cement to sand is $1:4$. How many bags of cement would be used with 100 bags of sand?

14.   The owner of the house that is assessed for $12000 pays $960 in realty tax. At the same rate, what should be the realty tax on a house assessed for $16500?

15.   The scale on a map is given as 5cm to 3.5km. How far apart are two towns if the distance between these two towns on the map is 8cm?

Question 6:

1. Find the cost per pound: $3.50 / (1/2) = $7.00 per pound.

2. Divide the total amount by the cost per pound: $8.75 / $7.00 = 1.25 pounds.

Answer: 1.25 pounds.

Question 7:

1. Find the scoring rate per attempt: 7 shots / 10 attempts = 0.7 shots per attempt.

2. Multiply the scoring rate by the number of attempts: 0.7 shots/attempt * 200 attempts = 140 shots.

Answer: 140 shots.

Question 8:

1. Find the calories per gram: 60 calories / 30g = 2 calories/g.

2. Multiply the calories per gram by the total weight: 2 calories/g * 210g = 420 calories.

Answer: 420 calories.

Question 9:

1. Find the calories per gram: 81 calories / 30g = 2.7 calories/g.

2. Multiply the calories per gram by the total weight: 2.7 calories/g * 600g = 1620 calories.

Answer: 1620 calories.

Question 10:

1. Find the calories per peanut: 17 calories / 3 peanuts = 5.67 calories/peanut (approximately)

2. Multiply the calories per peanut by

calories/peanut (approximately)

2. Multiply the calories per peanut by the number of peanuts eaten: 5.67 calories/peanut * 30 peanuts = 170.1 calories.

Answer: 170.1 calories (approximately)

Question 11:

1. Convert the mixed number to a fraction: 1 1/2 hours = 3/2 hours.

2. Find the speed of the train: 90 miles / (3/2) hours = 60 miles/hour.

3. Divide the total distance by the speed to find the time: 330 miles / 60 miles/hour = 5.5 hours.

Answer: 5.5 hours.

Question 12:

1. Find the weight per meter: 0.9 kg / 20m = 0.045 kg/m.

2. Multiply the weight per meter by

2. Multiply the weight per meter by the total length: 0.045 kg/m * 170m = 7.65 kg.

Answer: 7.65 kg.

Question 13:

1. The ratio 1:4 means for every 1 bag of cement, there are 4 bags of sand.

2. Divide the total bags of sand by the ratio: 100 bags / 4 = 25 bags.

Answer: 25 bags.

Question 14:

1. Find the tax rate per dollar of assessment: $960 / $12000 = $0.08 per dollar.

2. Multiply the tax rate by the new assessment: $0.08/dollar * $16500 = $1320.

Answer: $1320.

1. Find the tax rate per dollar of assessment: $960 / $12000 = $0.08 per dollar.

2. Multiply the tax rate by the new assessment: $0.08/dollar * $16500 = $1320.

Answer: $1320.

Question 15:

1. Find the scale factor: 3.5 km / 5 cm = 0.7 km/cm.

2. Multiply the scale factor by the map distance: 0.7 km/cm * 8 cm = 5.6 km.

Answer: 5.6 km.