Length Mass Volume 1-Step Word Problems

FREE Worksheet - 5

Time: 20 minutes

(Detailed solutions at the end)

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1. Julie has a thick string of length 275 cm.

   She cuts it into 5 pieces.

   What is the length of each piece?

   Answer: _____ cm

2. Kyle had 750 g of pasta shells.

   He packed the pasta shells into bags of 250 g each.

   How many bags did he make?

   Answer: _____ g

3. Luke cut a fishing line into 3 equal pieces of 191 cm each.

   What was the length of the original fishing line in metres and centimetres?

   Answer: _____ m _____ cm

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4. Isaak had 9 l of tomato soup.

   He used 570 ml of it.

   What was the volume of tomato soup left in litres and millilitres?

   Answer: _____ l _____ ml

5. There were 510 g of apples in a basket.

   After Tia used some of the apples to make a pie,

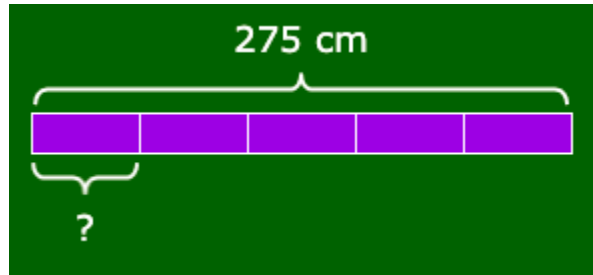   there were 193 g of apples left in the basket.

   What was the mass of apples used to make the pie?
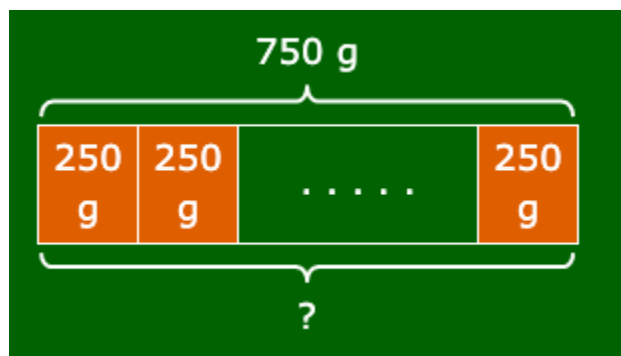
   Answer: _____ g

SOLUTIONS

Problem 1

275 cm ÷ 5 = 55 cm
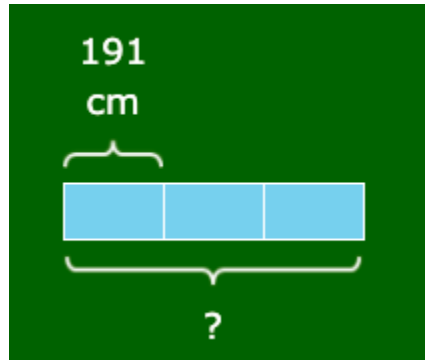
The length of each piece is **55 cm**.

Problem 2

750 ÷ 250 = 3

He made **3 bags.**

Problem 3

We know,

100 cm = 1 m

So,

500 cm = 5 m

191 cm × 3	=	573 cm
	=	500 cm + 73 cm
	=	5 m + 73 cm
	=	5 m 73 cm

The length of the original fishing line was **5 m 73 cm**.

Problem 4

We know,

   1 l = 1000 ml

So,

   9 l = 9000 ml

9 l − 570 ml	=	9000 ml − 570 ml
	=	8430 ml
	=	8000 ml + 430 ml
	=	8 l + 430 ml
	=	8 l 430 ml

  8 l 430 ml of tomato soup was left.

Problem 5
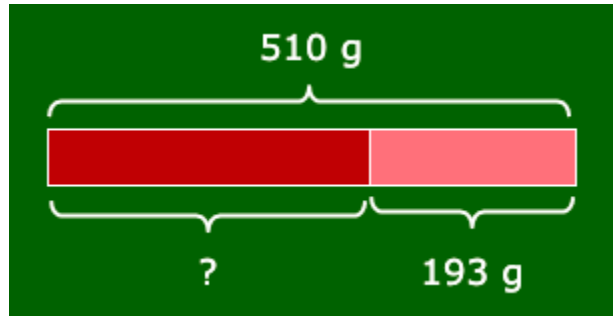
510 g − 193 g = 317 g

317 g of apples were used to make the pie.