



Wednesday 06.05.2020

Solving measures problems.

- 1) John rode 2 kilometres on his bike. His sister Sally rode 3000 meters on her bike. Who rode the farthest and how much farther did they ride (answer in km)?
- 2) Jessica is measuring two line segments. The first line segment is 30 cm long. The second line segment is 500 mm long. How long are the two line segments together? (answer in cm)
- 3) Lois wants to send a box of oranges to a friend by mail. The box of oranges cannot exceed a mass of 10 kg. If each orange has a mass of 200g, what is the maximum number she can send?
- 4) Walt grew 10 centimetres in 1 year. He is now 1.6 m tall. How tall was he 1 year ago?
- 5) Mary buys a reel of thread for sewing. There are 10m of thread on the reel. She uses 210 cm. How much is left on the reel in centimetres?
- 6) Mr. Martin's Spanish class is 45 minutes long. If it starts at 3:30, what time does it end?
- 7) Sebastian studies from 3:15 - 4:45. His sister, Sasha studies from 4:30 - 6:15. Who studied longer and by how much?
- 8) 30g serving of a certain breakfast cereal has 0.5 g of salt. How much salt would that be in milligrams?
- 9) Chase measured a line for his art project. It is 200 millimetres long. How many centimetres is the line?
- 10) Cheryl is moving to a new house. Her old house is 3 kilometres from her new house. How many meters is the old house from the new house?

Think up 3 of your own word problems that link to measurement:



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ANSWERS

Solving measures problems.

- 1) Sally rode further, 1 km further than her brother.
- 2) The segments are 80 cm long together.
- 3) Lois can send maximum of 50 oranges.
- 4) Walt was 1.5 m tall last year.
- 5) Mary has 790 cm of thread left.
- 6) The Spanish class will end at 4:15.
- 7) Sasha studied 15 minutes longer than her brother.
- 8) That is 500 mg of salt.
- 9) The line is 20 cm long.
- 10) The two houses are 3000 m away from each other.