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| Answer the word problems below. Highlight the important words and numbers. Remember to write you answer in a full sentence. |
| 1. If one paperclip has the mass of 1 gram and 1,000 paperclips have a mass of 1 kilogram, how many kilograms are 8,000 paperclips?  |
| 2. Charlie's eraser has a mass of 20 grams. How many milligrams are in 20 grams?  |
| 3. Steven goes to the grocery store and is looking at a winter squash. It has a mass of 1.8 kilograms. How many grams is the winter squash?  |
| 4. Using the information in question 3, determine the number of milligrams in the winter squash.  |
| 5. A box contains 4 bags of sugar. The total mass of all 4 bags is 6 kg. What is the mass of each bag in grams?  |
| Convert between different distance measurement units to answer the word problems below. Highlight the important words and numbers. Remember to write you answer in a full sentence. |
| 1. Chase measured a line for his art project. It is 200 millimeters long. How many centimeters is the line?  |
| 2. Cheryl is moving to a new house. Her old house is 3 kilometers from her new house. How many meters is the old house from the new house?  |
| 3. Jessica's shoebox is 20 centimeters long and 10 centimeters wide. How many more millimeters is the length of the shoebox than the width?  |
| 4. Stan walks 2 kilometers a day. How many meters does he walk in two days?  |
| 5. Carlos has a 1.2 meter long piece of wood. He wants to cut it into 3 equal lengths. How long should each piece be in millimeters?  |
| Questions 1 to 5 assess knowledge about metric units of distance measurement and the ability to convert between these.1. What is longer, 2.4 m or 240 mm?
2. How many millimeters are in 65. 4 centimeters?
3. Walt grew 10 centimeters in 1 year. He is now 1.6 m tall. How tall was he 1 year ago?

      1. Mary buys a reel of thread for sewing. There are 10 m of thread on the real. She uses 210 cm. How much is left on the reel in centimeters?

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