

Word Problem Delight 6

Do your best! Show all work...



1. In Mr. Bennett's class, the kids were building vacuum cleaners out of wood and electric motors. Carolyn's team used 23 pieces of wood at a cost of \$.25 each. What was the total cost of their wood?

Ian and Birdie pulled,
but the glue was way
too strong...

2. Loree's team was building a frame using glue to join the corners of the wood. There was a terrible accident and 235 ml of glue was spilled. How many liters is that?

3. After the terrible accident, Ian slipped and fell into the glue. It covered most of his back. In a panic, he stumbled into Birdie and the two became joined. They struggled for 2 hours and 25 minutes until 3:35 PM when it was time to go home. When did they begin their struggle?

4. Val thought she might be able to help with the glue problem. She found some glue remover with a unit cost of 25.3 cents per ounce. If the remover came in a 6.5 ounce bottle, what was the total cost of that bottle?

5. Sadly, the glue remover had some unintended side effects. Although it worked to break our two friends apart, it also turned them green. It said on the bottle that this happened in 1 out of 25 cases and that the color would fade with time. What percent chance is 1 out of 25?