



FIRST LEGO LEAGUE - Ontario

Questions

Question 1 Math	After checking your tape marks with a ruler, how close were you? Within how many centimeters are you confident your robot can measure? *Example: guaranteed within 3 cm
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Question 2 Coding	Sensors are often used to make sure everything is going ok in an assembly line. Can you think of an example in an assembly line where a robot may want to get desecrate data from a continuous stream of information?
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Question 2 Math	Circle all/any of the discrete numbers. 23.456 cm 5 dogs 11 km/h 30.5 °C
Question 3 Math	If you were passing under a bridge that was exactly 675 cm tall and in your owner’s manual, it tells you your truck is 673 cm plus or minus 5 cm (based on tire pressure), would you be 100% confident you could clear it safely.
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Question 4 Math	How many lines did you draw? How many centimeters is that? Which of those number are discrete?
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