

The Water Tube Rides

Place an X next to the tube ride used for this page.

Ride Used	Ride Name	Ride Length (m)
	Black Cobra	112
	Twister Falls	84
	Blue Typhon	80

1. What is the tube's vertical drop?
2. What would a person's velocity be at the end of the tube if the tube were friction free?
3. What would a person's acceleration be during the ride if the tube were friction free?
4. What is a person's ride time?
5. What is a person's actual velocity at the end of the tube?
6. What is a person's actual acceleration during the ride?
7. How much acceleration was lost during the ride?
8. What was the coefficient of friction between the person and the tube?