

Name \_\_\_\_\_

Freefall lecture Practice problems

HEIGHT REQUIREMENT	
Riders must be 48" tall	
PHYSICAL DIMENSIONS	
Height of Tower:	131 feet from top to bottom
Length of Drop:	99 feet, (10 stories)
Free Fall Drop:	60 feet
Drop Time:	<input type="text"/>
Speed of Drop (maximum):	<input type="text"/> h)
Speed of vertical lift:	18 feet/second



Questions:

How long does it take to reach the bottom?

How fast will you be traveling just before the brakes are applied?

### Top Thrill Dragster

Questions:

How long does it take to reach the bottom?



How fast will you be traveling just before the brakes are applied?

