

## Bouncing balls

**Read it -- Try it safely -- Explore it further**

Outdoor fun

When these two fall a meter and land on a slab

where will the tennis ball go?



Place one hand under the basketball and support the tennis ball with your other hand.

Remove both hands at the same instant

Test your speed of reaction by trying to catch the tennis ball before it hits the ground?

Extension activity: What happens if the balls are dropped the other way up?  
Explore concepts of momentum and energy  
in the context of collisions.