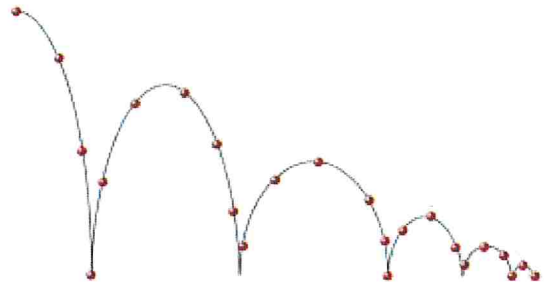


A ball is dropped and bounces up to a height that is 75% of the height from which it was dropped.



It then bounces again to a height that is 75% of the previous height and so on.

How many bounces does it make before it bounces up to less than 20% of the original height from which it was dropped?