

$12 + \left(\frac{9}{3}\right) - 16$   
 $= -1$   
(e)  $121 - (4 + \dots)$

classmate  
Date \_\_\_\_\_  
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### ACTIVITY-1

A farmer puts some seed into a beaker full of water. He observes that most of the seed sink and few seed stay afloat. It is believed that the seeds that remain afloat are bad ones and those which sink to the bottom are the good seeds. This method helps farmers to separate the good one seeds from the bad ones. Such separate is possible only because of proper and care observation.

### Activity-2

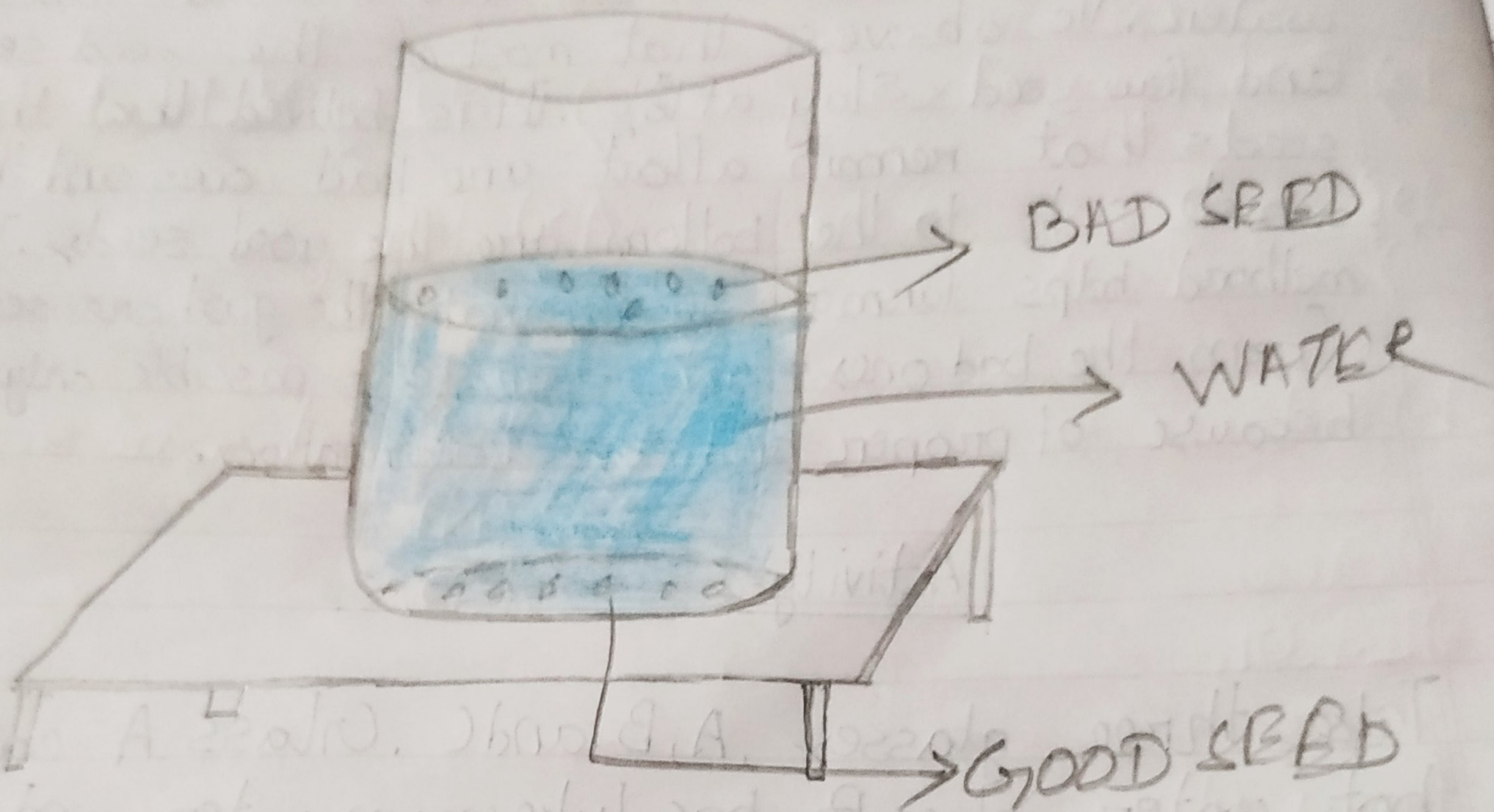
Take three glasses, A, B and C. Glass A contains hot water, glass B has lukewarm water and C glass contains cold water. Put one of your fingers in glass A and a finger of the other hand in glass C for sometime. Now put both fingers in glass B.

What do you feel?

You <sup>will</sup> feel different sensations in your two fingers. The water in Glass B feels warmer to the finger kept in cold water in glass C, whereas it feels colder to the finger kept in hot water in glass A. This is an ~~example~~ experiment carried out to understand a particular phenomenon. This simple activity helps us draw the scientific conclusion that the hotness or coldness of a substance is a relative term.



## ACTIVITY-1



## ACTIVITY-2

