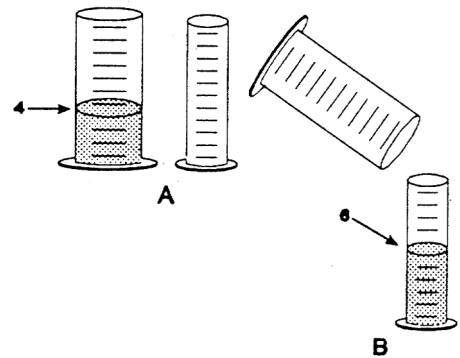


To the right are drawings of a wide and a narrow cylinder. The cylinders have equally spaced marks on them. Water is poured into the wide cylinder up to the 4th mark (see A). This water rises to the 6th mark when poured into the narrow cylinder (see B).



Both cylinders are emptied (not shown) and water is poured into the wide cylinder up to the 6th mark. *How high would this water rise if it were poured into the empty narrow cylinder?*

- to about 8
- to about 9
- to about 10
- to about 12
- none of these answers is correct

*because*

- the answer can not be determined with the information given.
- it went up 2 more before, so it will go up 2 more again.
- it goes up 3 in the narrow for every 2 in the wide.
- the second cylinder is narrower.
- one must actually pour the water and observe to find out.