Which of the following is the formula for calculating the dilution of a solution?

- ○ V1 + C1= V2 + C2
- ○ V1 + C2= V2 + C1
- ○ V1 x C1= V2 x C2
- ○ V1 x V2= V1 x C2

A biopsy is:

- ○ a removal of biological fluid
- ○ the removal of an organ
- ○ a post mortem examination
- ○ excision of a representative tissue sample

A 1:200 dilution of a patient's sample was made and 336 red cells were counted in an area of 0.2 mm^2. What is the RBC count?

- ○ 68 × 1012/L
- ○ 36 × 1012/L
- ○ 47 × 1012/L
- ○ 66 × 1012/L