

A student has 2 tests, test A and test B. Test A counts for 30% of the final score, and test B counts as 70% of the final score. Test A 36/40 questions answered correctly. Test B 64/80 questions answered correctly. What is the final score?

Final score is

$$0.3 \cdot \frac{36}{40} + 0.7 \cdot \frac{64}{80} = 0.27 + 0.56 = 0.83 = 83\%$$