

Solutions

2.1 B Absorption moves soluble products into blood or lymph. Thin exchange surfaces and a large surface area shorten diffusion paths and increase transfer. Enzyme activity and transport are different processes.

2.2 $\text{percentage} = 9/36 \times 100 = 25\%$.

2.3 False. Bile is not an enzyme. A positive food test identifies a component under the test conditions; it does not show that a food is healthy or unhealthy in every diet.

2.4 digestion. digestion means Breakdown of large food molecules.

3.1 25% and 20%. Confounding and selection/reporting bias can explain differences; temporal ordering and comparable measurement also matter. This is evidence evaluation, not dietary advice.