A ball is thrown straight up into the air with an initial velocity of 142 feet per second and an initial height of 2 feet. What is the velocity of the ball after 4 second(s)?

If a ball is moving up then $V = V_0 - gt$ ($g \approx 32\ feet/sec^2$). Let's find time which a ball needs to be on top.

In the highest point speed of a ball is equal to 0.

$$V_0 - gt = 0, t = \frac{V_0}{g} = \frac{142\ f}{32\ \frac{f}{s^2}} \approx 4{,}4\ sec.$$

It means, that after 4 seconds our ball will still be moving up.

$$V = V_0 - gt = 142 - 32 \cdot 4 = 14\ feet/\text{sec}.$$

Answer: 14 f/s.