

ACT: Doppler Practice



$v = 32 \text{ m/s}$



$v = 50 \text{ m/s}$

In the jeep, the frequency of the light from the troopers car will appear:

- (1) higher (more blue) (2) Lower (more red)

What value should you use for u in the equation?

- (1) 32 (2) 50 (3) $50+32$ (4) $50-32$