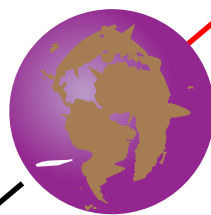


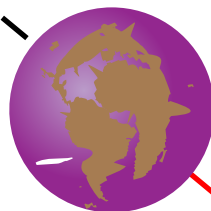
Planet is moving away,
so the Doppler shift
gives us the full speed.



Planet is moving across our line of sight,
so there is no Doppler shift.



Doppler shift gives us the
star's speed away from us (red),
but not the part across our
line of sight (gray).



Planet is moving diagonally
away from us (blue).

