Taking into consideration that Avogadro constant (N_A) is $6.02214129(27)\times10^{23}$ mol^{-1}, formula units of sodium sulfate in 0.333 moles of Na_2SO_4 are:

$N\ (Na_2SO_4) = N_A * n(Na_2SO_4) = 6.02214129(27)\times10^{23}\ mol^{-1} * 0.333\ mol = 2*10^{23}$ units.