$m1 = 200000kg$
$m2 = 150000kg$
$v1 = 25\frac{m}{s}$
$v2 = 15\frac{m}{s}$

$Before\ collision:$
$p1 = m1v1$
$p2 = m2v2$
$After\ collision:$
$p = (m1 + m2)v$

$The\ law\ of\ conservation\ of\ momentum:$
$p1 + p2 = p$
$m1v1 + m2v2 = (m1 + m2)v$

$The\ velocity\ after\ collision\ is:$
$$v = \frac{m1v1 + m2v2}{m1 + m2} = \frac{200000 * 25 + 150000 * 15}{200000 + 150000} = \frac{7250000}{350000} = 20.7\frac{m}{s}$$