



BASIC ALGEBRA

Exercise 2.2

1) Given that $P = \frac{Q(Q-R)}{2R}$ Find P in each of the following cases:

a) When $Q = 2$, $R = -4$

c) when $Q = -3/4$, $R = 1/2$

b) When $Q = 1/3$, $R = -3/4$

d) When $Q = -3/4$, $R = 1/2$

2) Given that $E = \frac{m}{2g}(v^2 - u^2)$ find P in each of the following cases:

a) when $m = 3$, $g = 4$, $v = 1$, $u = 2$

c) when $m = 4$, $g = 1/4$, $v = 3$, $u = -2$

b) When $m = -3$, $g = -1/2$, $v = -1$, $u = -2$

d) When $m = 1/2$, $g = 3$, $v = -1/2$, $u = -3/2$
