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BASIC ALGEBRA

Exercise 2.2

I) Given that $P = Q(Q-R)$ Find <i>P</i> in each of the following cases:	I) Given that	$\mathbf{P} = \mathbf{Q} \; (\mathbf{Q} \text{-} \mathbf{R})$	Find <i>P</i> in each of the following cases:
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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 a) when $m = 3$, $g = 4$, $v = 1$, u	ch of the following cases: 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
3) Given that $R = \frac{N - M}{D}$, find the value of R in	each of the following cases:
a) when N= 2, M= 4, D= 3	b) when N=5,M=7.D= 12

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