Session #3

Consider the graph below.
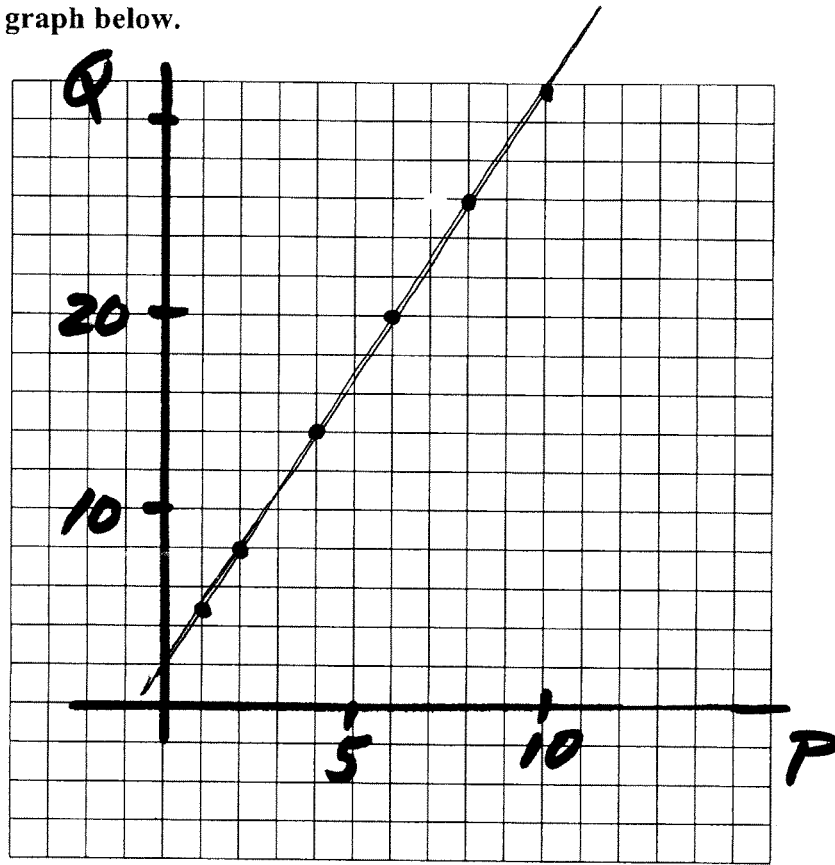
Construct a table of values for the relationship expressed by the graph.

P	Q
1	5
2	8
4	14
6	20
8	26
10	32

ΔP : 1, 2, 2, 2, 2

ΔQ : 3, 6, 6, 6, 6

$\dfrac{\Delta Q}{\Delta P} = 3 \quad (slope)$

$$Q = \boxed{3}\, P + \boxed{2}$$

Express the relationship between P and Q by a sentence and by a formula.

$$Q = 3P + 2$$