



SPTA

N5 Homework

Gradient (B)



Show all working – NO calculator required.

Marks

1. Find the gradient of the line joining the points $(2.5, 16)$ & $(4.5, 10)$ (2)
2. Find an expression for the gradient of the line joining point $A(6, 9)$ to point $B(4m, 4m^2)$.
Give your answer in its simplest form (3)
3. Find the gradient of the line joining the points $(6, 12)$ & $(10, 18)$ (2)
4. Find the gradient of the line joining the points $(-2, 4)$ & $(1, -4)$ (2)
5. Find the gradient of the line joining the points $(5, 110)$ & $(17, 350)$ (2)
6. Find the gradient of the line joining the points $(-5, 13)$ & $(0, 28)$ (2)
7. Find the gradient of the line joining the points $(15, 200)$ & $(45, 500)$ (2)

Total Marks: 15