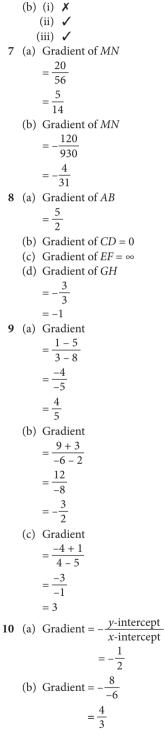
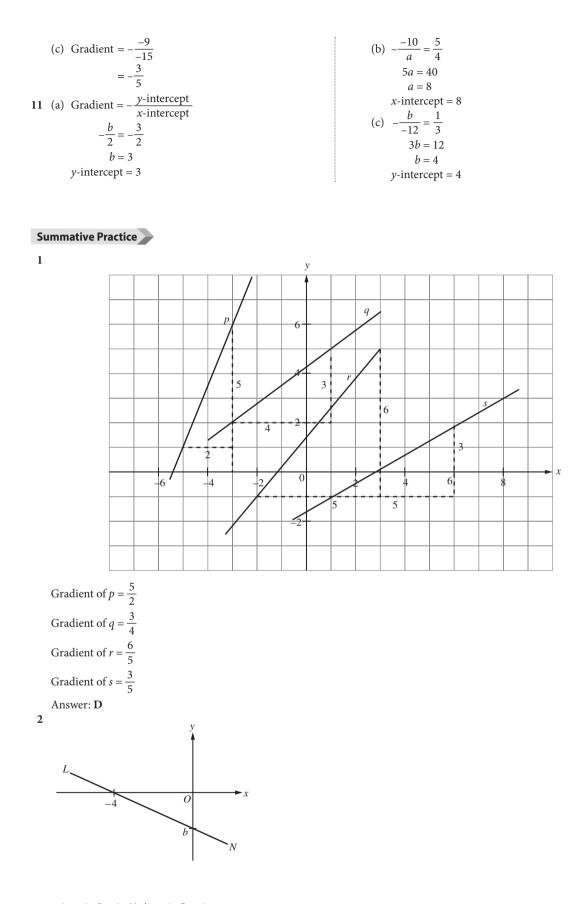
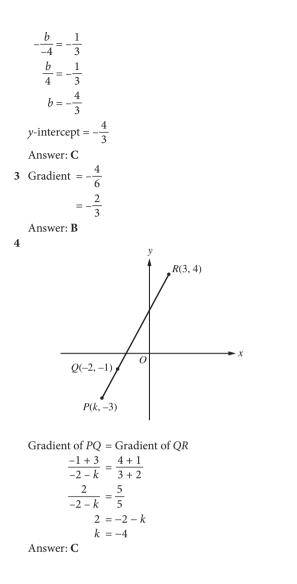
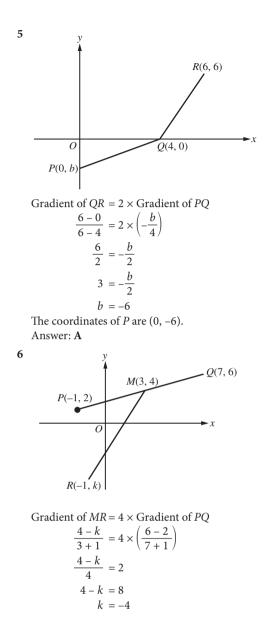
Fully-worked Solutions

Practice 10 Formative Practice Vertical distance 1 Gradient = Horizontal distance $= \frac{QT}{T}$ KO Answer: A **2** *r*, *t*, *s*, *p*, *q* 3 Inclined upwards from left to right: *b*, *d*, *e* Inclined downwards from left to right: a, c, f **4** (a) Straight Horizontal Vertical distance Gradient line distance 3 ΗK 3 units 4 units 4 4 PQ4 units 3 units 3 (b) (i) Steepness of straight line PQ steepness of straight line HK (ii) Gradient of straight line PQ >gradient of straight line HK 5 (a) Vertical distance between A and B $= y_2 - y_1$ Horizontal distance between A and B $= x_2 - x_1$ Gradient of straight line Distance of BC = Distance of AC $=\frac{y_2 - y_1}{y_2 - y_1}$ $x_2 - x_1$ (b) Gradient of straight line $= \frac{0-b}{b}$ a – 0 $=-\frac{b}{a}$ = _<u>y-intercept</u> x-intercept **6** (a) (i) Gradient of straight line *AB* $=\frac{3}{2}$ (ii) Gradient of straight line CD 2 = -2









A3