

Higher Maths
SQA 2018 Paper 1
Question 5

$A(-3, 4, -7)$, $B(5, t, 5)$ and $C(7, 9, 8)$ are collinear.

(a) State the ratio in which B divides AC . 1

(b) State the value of t . 1

Answers:

(a) $4 : 1$

(b) $t = 8$