

Question 7 – 1:

7(a)	31.5	3	M2 for $17.5 \times \sqrt{\frac{1134}{350}}$ oe or M1 for $\sqrt{\frac{1134}{350}}$ oe isw or $\sqrt{\frac{350}{1134}}$ oe isw or for $\frac{1134}{350} = \left(\frac{x}{17.5}\right)^2$ oe
7(b)	163.9375 or $163\frac{15}{16}$ final answer	2	B1 for $15 + 0.25$ or $10.5 + 0.25$ or better seen
7(c)	40.5[0]	2	M1 for $x \times \left(1 - \frac{18}{100}\right) = \frac{166.05}{[5]}$ oe
7(d)	\$2.23 final answer	3	B2 for 2.227... or 2.23 seen OR M2 for $57 - \frac{48.2}{0.88}$ oe or M1 for $\frac{48.2}{0.88}$ oe If 0 scored SC1 for 57×0.88 oe seen