| Quest. | App | E&F | Rel. | Answer |
|---|---|---|---|---|
| 1 | ✓ | | ✓ | $a = 1; b = 2$ |
| 2 | | ✓ | | $\dfrac{x-3}{x-4}$ |
| 3 | ✓ | | | 62.9km |
| 4 | | | ✓ | $V = \sqrt{(^{TL}/_m)}$ |
| 5 | | | ✓ | Proof using common trig identities |
| 6a | ✓ | | | Mean = 134km/hr   St Dev. = 7.01 |
| 6b | ✓ | | | Serves were faster in the 2$^{nd}$ game, but less consistent |
| 7 | ✓ | | | $6x^3 + 17x^2 - 29x + 10$ |
| 8 | | ✓ | | Turning Pt (-3,-11); Axis of symmetry equation: x = -3 |
| 9 | | ✓ | | Number of molecules = $3.25 \times 10^{29}$ |
| 10 | | | ✓ | Volume = 1460cm$^3$ (3 s.f.) |