

## Extension 1 Miscellaneous 3 Worksheet – Answers



1. [answers may vary.]
2. [answers may vary.]
3. [graph required] Range:  $0 < \gamma < \pi$
4. 4, -12
5. (i)  $1.4 \text{ m/s}^2$  (ii) 284 m
6. [answers may vary.]
7. (i)  $y=18 \cos [(2/5)\pi x]$  (ii) 1.25
8. Parallel points:  $x = 0, 1, 2$
9. [answers may vary.]