1) Simplify $\sqrt{125} + 3\sqrt{5}$

2) Find the coordinates of the vertex of the graph

$$y = x^2 - 8x + 24$$

3) Use the formula $v = u + at$ to find the final velocity when the initial velocity is 10m/s, the acceleration is -3m/s² and the time is 4s

4) Expand and simplify $(x + 2)(x - 3)(x + 4)$

5) What is the exact value of sin 30°