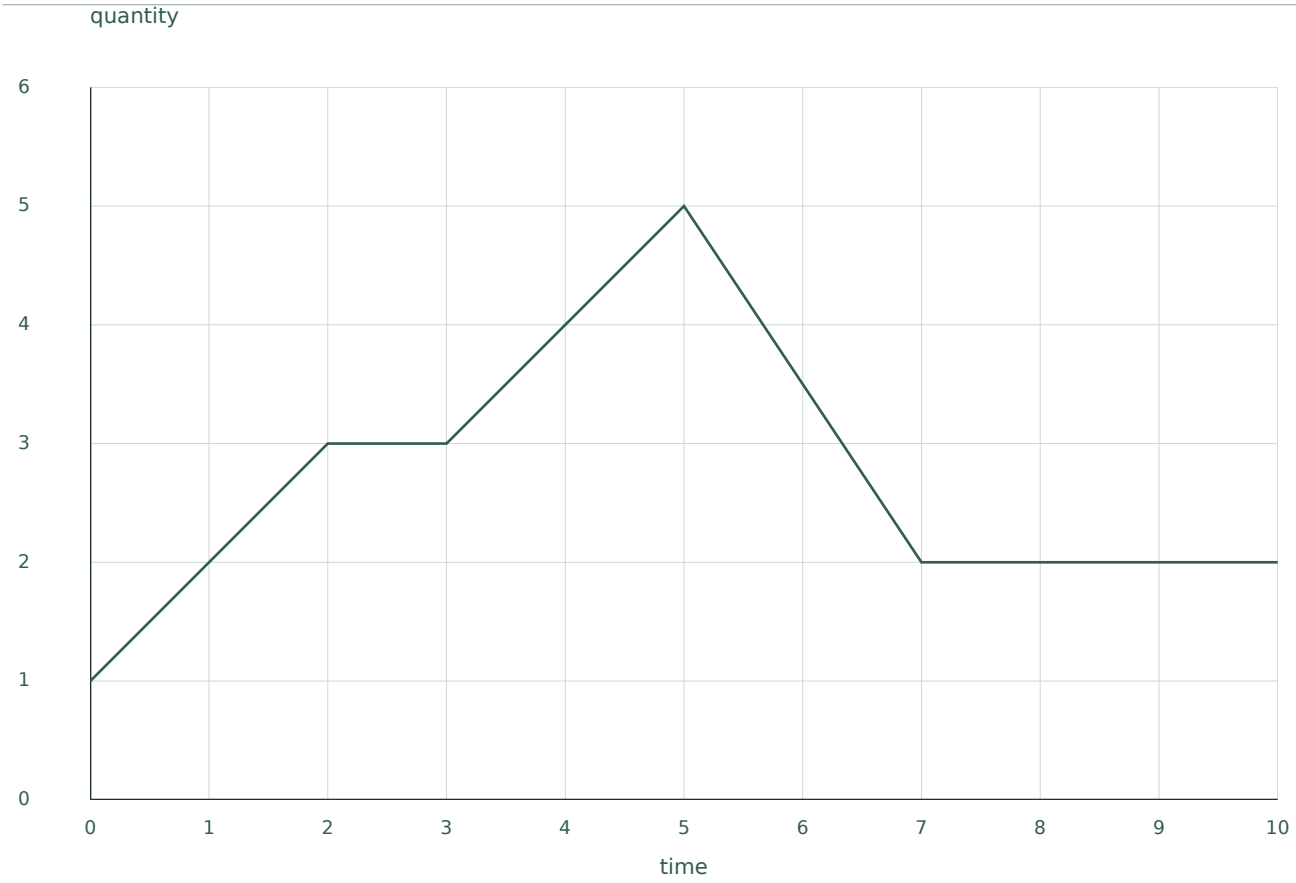
Matching Qualitative Graphs to Story Scenarios

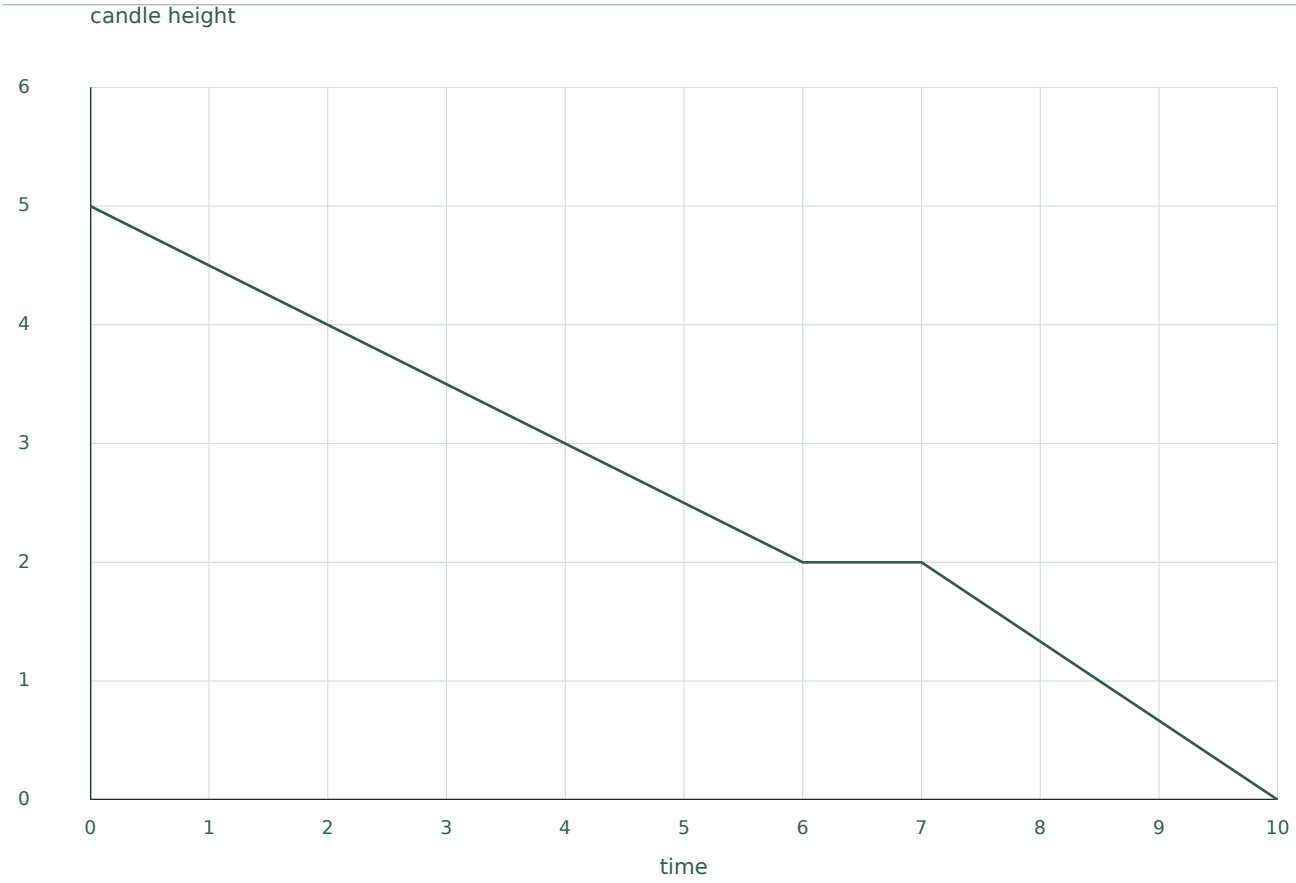
Convention diagram: baseline, midline, rise, fall, plateau



Segments in order: rise (0-2), plateau (2-3), fall (3-5), plateau (5-7), fall (7-10). Baseline at y=0; midline at y=3.

Matching Qualitative Graphs to Story Scenarios

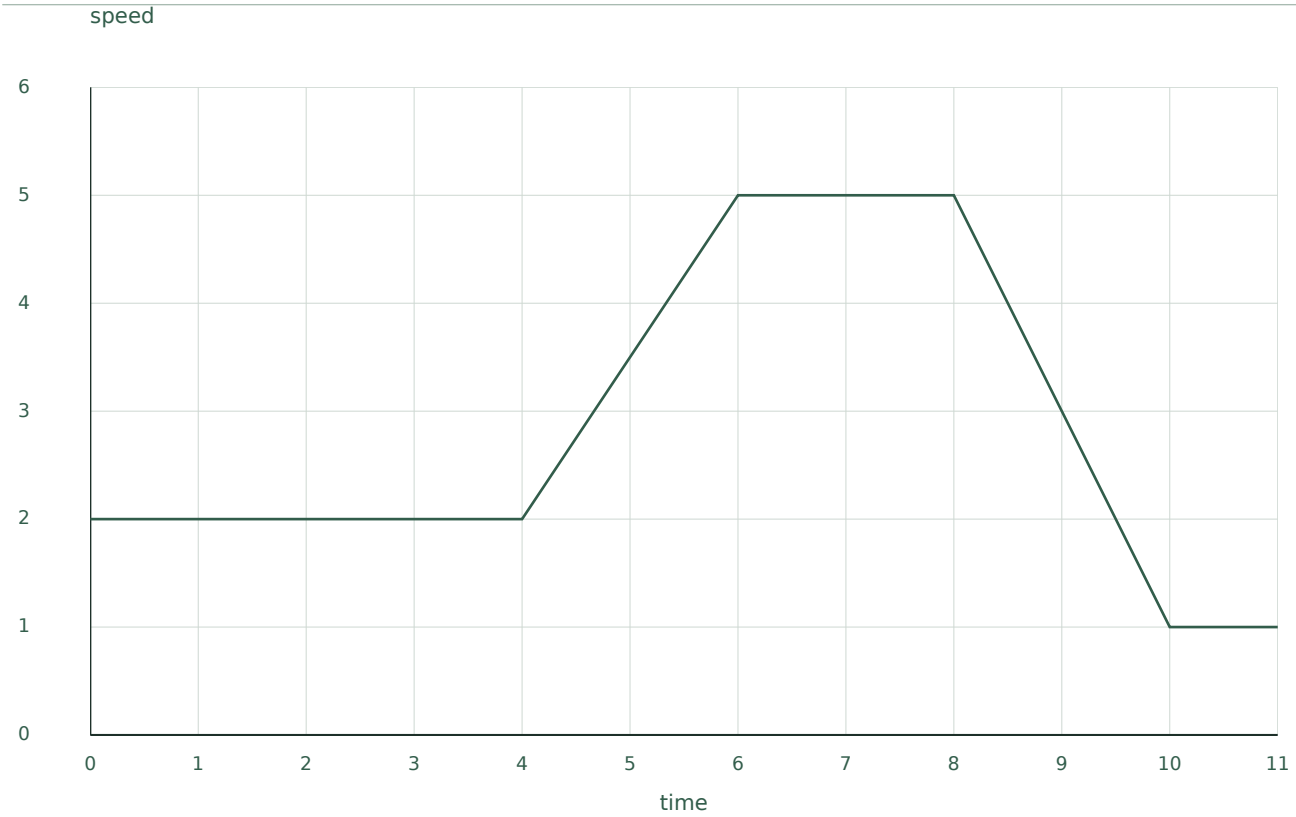
Exercise 1 graph: candle height vs time



Fall for 6 min, plateau for 1 min, fall for 3 min. Total 10 min.

Matching Qualitative Graphs to Story Scenarios

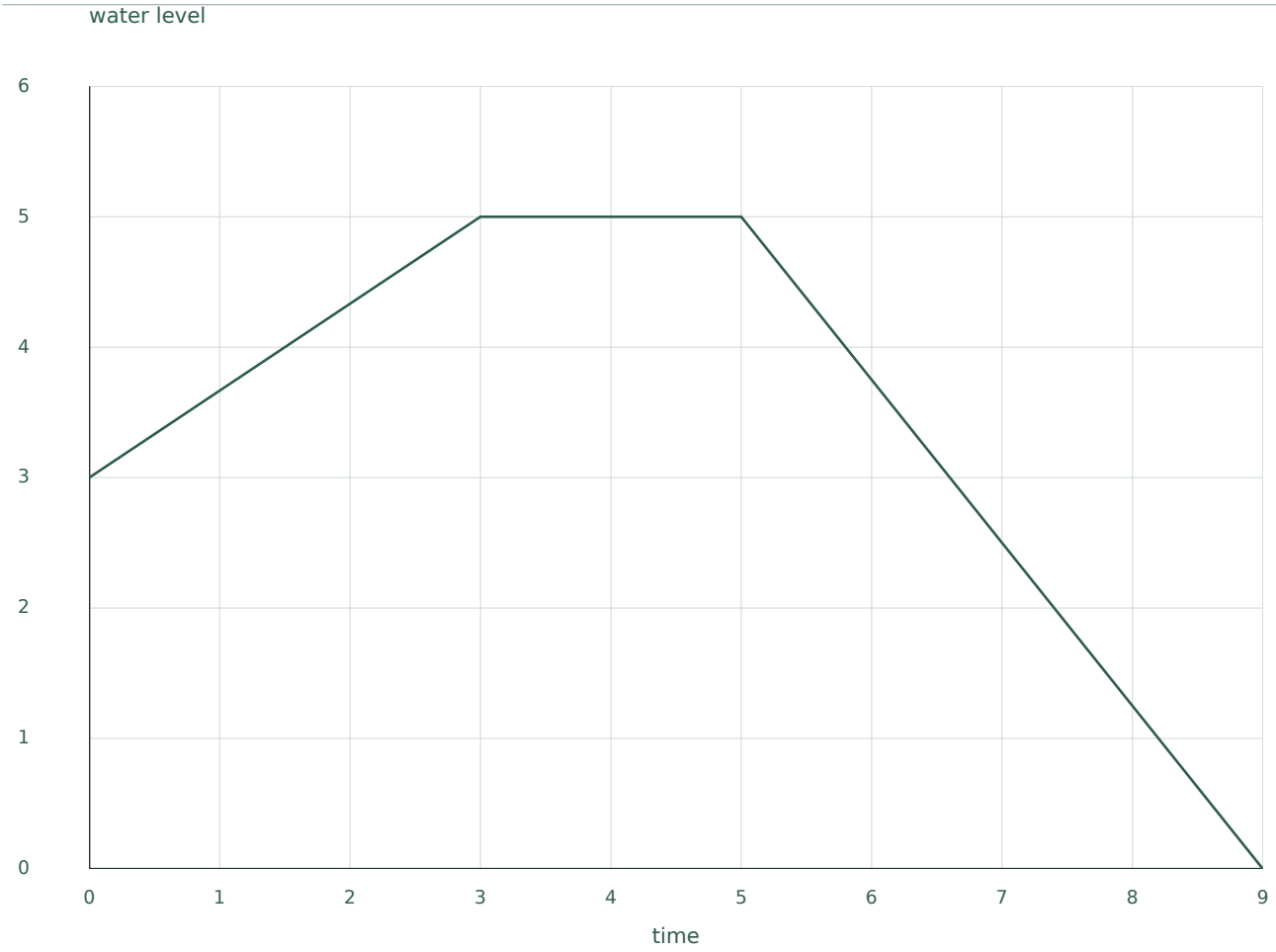
Exercise 2 graph: runner speed vs time



Steady jog 4 min, speed up 2 min, steady sprint 2 min, slow to walk 2 min, steady walk 1 min. Total 11 min.

Matching Qualitative Graphs to Story Scenarios

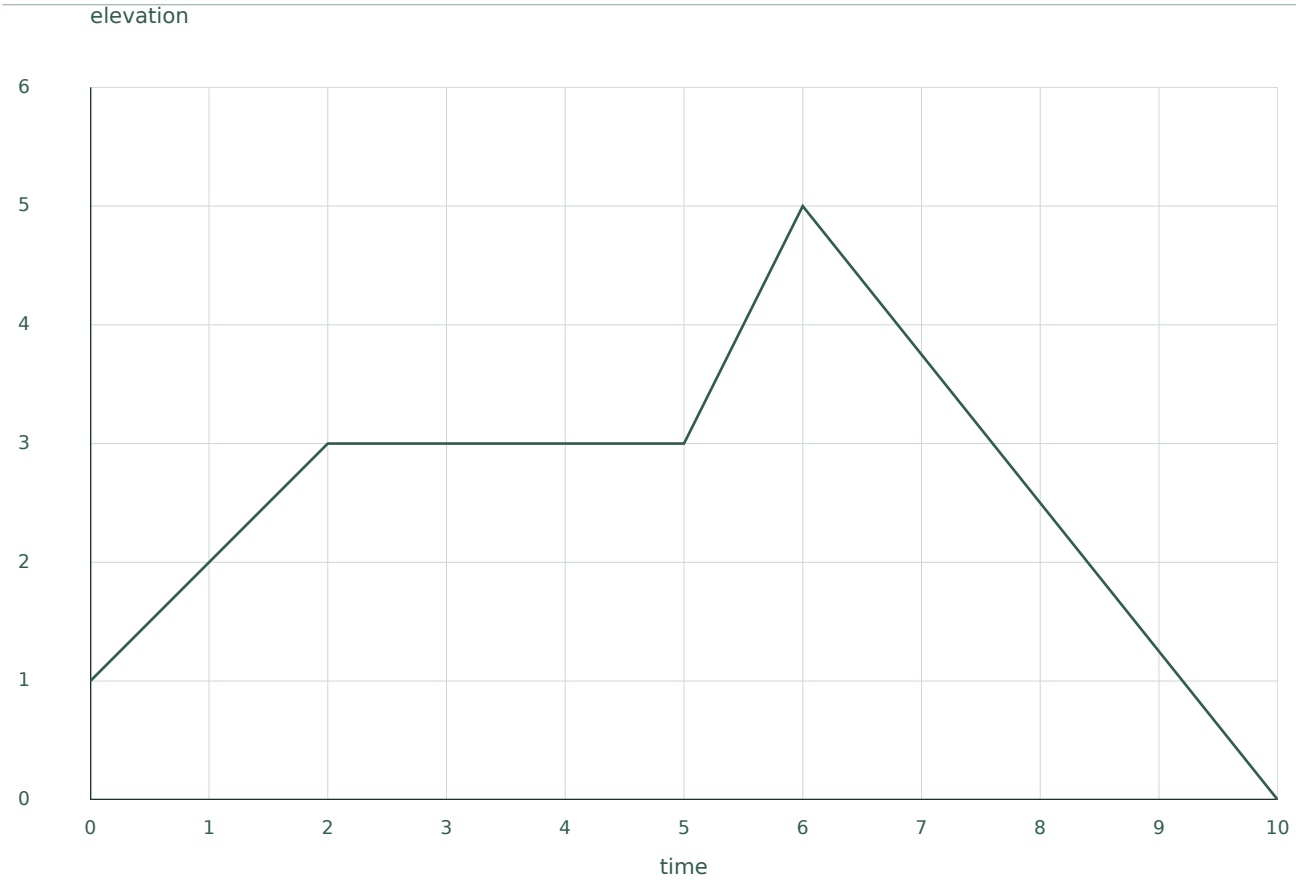
Exercise 3 graph: water level vs time



Starts half full (positive level). Fills 3 min, stays full 2 min, drains 4 min to empty. Total 9 min.

Matching Qualitative Graphs to Story Scenarios

Exercise 4 graph: hiker elevation vs time



Climb 2 min, rest 3 min, climb faster 1 min, descend 4 min. Total 10 min. Third segment steeper than first.