

Force and Motion in Our World Exam Overview

Matching: 10 Marks

Motion Terminology: scalar, vector, distance, displacement, reference point, etc.

Multiple Choice: 10 Marks

Interpreting Graphs differentiating between scalar and vector quantities, etc

Calculation Problems: 20 Marks

Word Problems: be able to calculate speed, time, distance, displacement, acceleration

= know your 2 triangles and be able to manipulate the equations

Graphing: 10 Marks

Be prepared to create: a position-time graph, a velocity-time graph

Be able to interpret your graph: find the average speed or acceleration using a graph,
calculating distance travelled

Short Answer: 5 marks

Apply your knowledge to a given situation