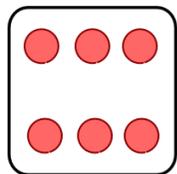
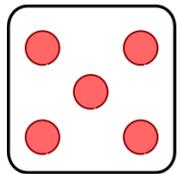
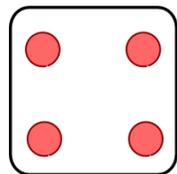
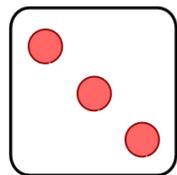
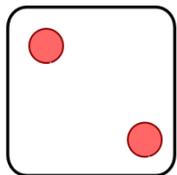
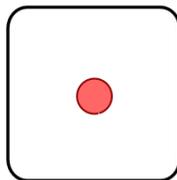
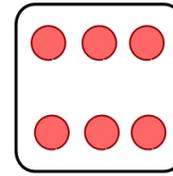
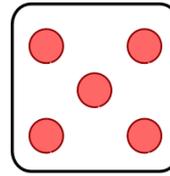
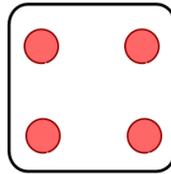
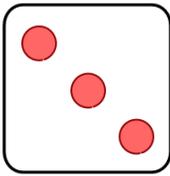
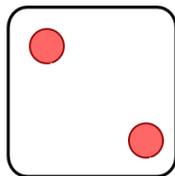
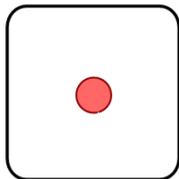


Roll it revision instructions: Roll a dice to decide the column. Roll again to decide the row. Answer on a post-it and stick it on top. Use the revision guide to help. 1 point per square.

AQA Trilogy
Physics paper 2



Explain the difference between scalar and vector quantities.	What is inertia?	Draw a ray diagram to show light entering a less dense material.	What is Fleming's left-hand rule?	Name two ways you could increase the force on a current-carrying wire in a magnetic field.	Define acceleration in terms of velocity and time.
What does a steep line represent on: a) a distance—time graph? B) a velocity-time graph?	True or false? Time is a vector quantity.	State 4 things that can affect the braking distance of a vehicle.	What is a Leslie cube?	What is the difference between displacement and distance?	Why does adding more turns to a solenoid increase the strength of its magnetic field?
Describe the difference between transverse and longitudinal waves.	What is terminal velocity?	What is the difference between contact and non-contact forces?	What is the equation and units to calculate spring constant?	What does the term 'ionising radiation' mean?	Explain how a basic dc motor works.
What is a magnetic field?	State the equation and units to calculate wave speed.	What is the limit of proportionality?	Explain the difference between mass and weight.	State the equation and units used to calculate momentum.	Explain why microwaves are used for satellite and mobile phone communications.
Describe the behaviour of a compass that is far away from a magnet.	<i>What is the difference between plastic and elastic deformation?</i>	Explain the below keywords in terms of waves: Absorption Transmission Reflection	State Newton's three laws of motion.	What is the equation and units to calculate weight of an object?	Define: Amplitude Frequency Wavelength
Describe the forces acting on an object in equilibrium.	What is an electromagnet?	What reaction would you expect between two unlike poles?	Explain refraction.	What is the stopping distance of a vehicle?	What is the equation and units for work done?