



Name: Form:

See pages 12 and 13 of *Friction*

Getting moving

The friction between surfaces on the move is less than the friction when they are still.

Q1. In the space, draw how you would set up the equipment to test the friction between a moving object and the surface below it.

Q2. Label the diagram you have drawn.

Q3. What are the units used to measure the force of friction?

Q4. Why does a car that is started and stopped many times need more fuel than one that is kept moving?

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Q5. (i) How is snow held on a steep mountain side?

(ii) What may form if the snow begins to move?

Q6. Why is the force of friction on a still object more than the force of friction on a moving object?

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