



Name: ..... Form: .....

See pages 10 and 11 of *Friction*

## Where a good grip is needed

You can increase friction by using suitable materials and making surfaces rougher.

**Q1.** What are the zig-zag channels labelled A?

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**Q2.** What do the channels do to the water on the road?

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**Q3.** What could happen to a vehicle if the channels are too shallow?

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**Q4.** (i) Why is wet soap difficult to grip?

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(ii) Why can you grip soap better with rubber gloves?

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**Q5.** (i) When are tyres often fitted with chains? .....

(ii) How do the chains help cars to move?

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