

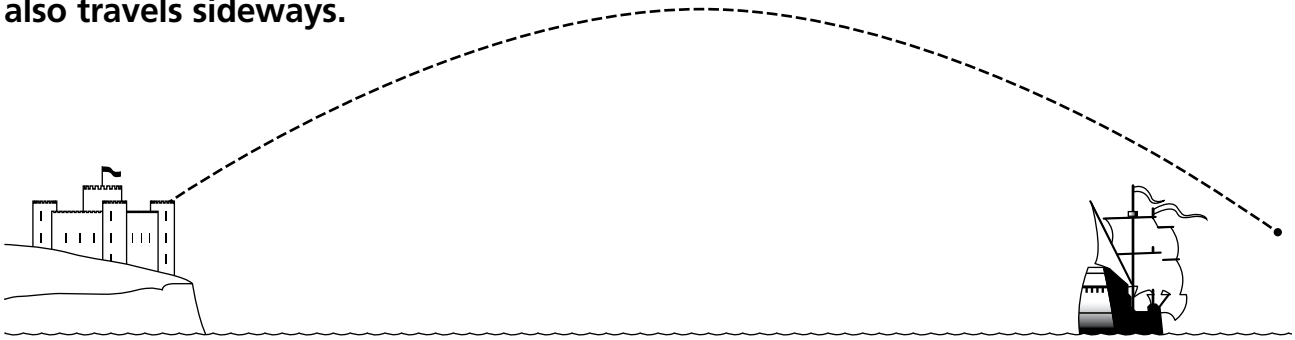


Name: ..... Form: .....

See pages 22 and 23 of *Forces in action*

# Throwing things

When you throw something in the air it goes up and down, and also travels sideways.



**Q1.** The diagram shows the path of a cannonball as it leaves a cannon.

(i) Draw the path of the ball if the cannon was tilted upwards a little.

(ii) Draw the path of the ball if the cannon was tilted downwards a little.

**Q2.** What is the name of something that is thrown through the air?

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**Q3.** What was used to produce the force in a cannon?

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**Q4.** What force affects a cannonball as it moves through the air?

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**Q5.** What is the best angle for sending a cannonball furthest?  .....

**Q6.** How could you use an elastic band and a ramp to force an object into the air?

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