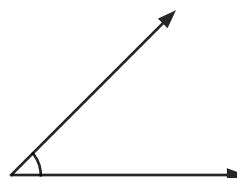


- 1) Swap books with your Learning Partner. With a ruler, draw three different angles in your partner's book. Now, swap back. Estimate the size of each angle. What properties of angles knowledge have you used to help you?



Now, measure accurately with a protractor to see how close your estimate was. Whose estimates were closest?

- 2) Marta measures the angle and says it's  $135^\circ$ . Explain her error.



- 1) Using a semi-circular protractor and a ruler, draw an angle of  $310^\circ$ . Is there more than one way to do this? Which method do you prefer and why?



- 2) Sarah says she has drawn a quadrilateral and one of the angles is  $260^\circ$ . Paulo says that it's impossible. Who is correct? Prove it!



1) Look at these statements. Are they always, sometimes or never true? Remember to explain and prove your answer.



a) Two acute angles make an obtuse angle.

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b) Four obtuse angles can be used to make a whole turn.

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c) The sum of the interior angles of a triangle is  $180^\circ$ .

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