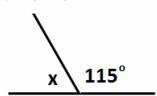
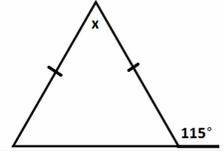


(6) Angles and Bearings

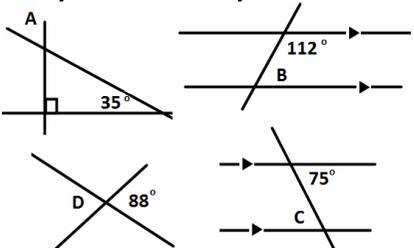
State the size of angle x and give a reason for your answer.



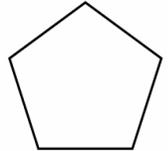
Find the size of angle x



Put these angles in order of size, smallest first. Justify each selection you have made.

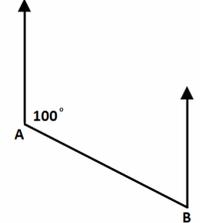


Here is a regular pentagon:



Find (a) The size of each exterior angle of the shape and (b) The size of each interior angle of the shape. (c) The sum of the interior angles

Using angle facts and the information given, find (a) The bearing of B from A and (b) The bearing of A from B

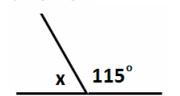


Fred has a garden that is in the shape of an irregular quadrilateral. One corner of the garden has an angle of 174°, another 84° and a third that is 42°. What is the size(s) of the other angle(s) in the garden? (A sketch may help)

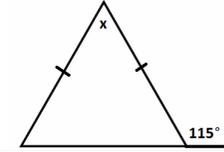
Bob faces north. He turns clockwise 45° and walks 5 meters. Bob then stops and turns 180° anti clockwise and walks 10 meters. (a) How far away is Bob from where he started and (b) What bearing is he on? (c) What colour jumper is Bob wearing?

(6) Angles and Bearings

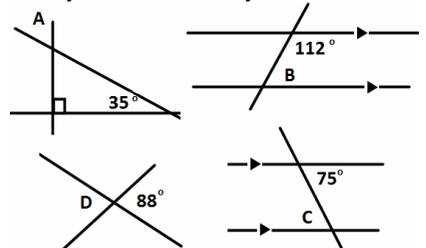
State the size of angle x and give a reason for your answer.



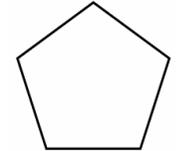
Find the size of angle x



Put these angles in order of size, smallest first. Justify each selection you have made.

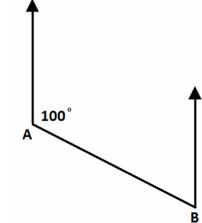


Here is a regular pentagon:



Find (a) The size of each exterior angle of the shape and (b) The size of each interior angle of the shape. (c) The sum of the interior angles

Using angle facts and the information given, find (a) The bearing of B from A and (b) The bearing of A from B

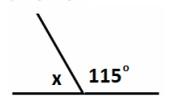


Fred has a garden that is in the shape of an irregular quadrilateral. One corner of the garden has an angle of 174°, another 84° and a third that is 42°. What is the size(s) of the other angle(s) in the garden? (A sketch may help)

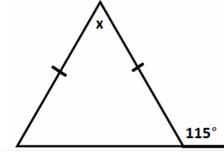
Bob faces north. He turns clockwise 45° and walks 5 meters. Bob then stops and turns 180° anti clockwise and walks 10 meters. (a) How far away is Bob from where he started and (b) What bearing is he on? (c) What colour jumper is Bob wearing?

(6) Angles and Bearings

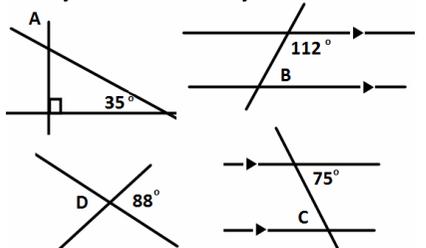
State the size of angle x and give a reason for your answer.



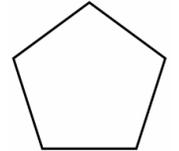
Find the size of angle x



Put these angles in order of size, smallest first. Justify each selection you have made.

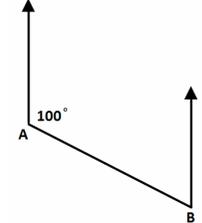


Here is a regular pentagon:



Find (a) The size of each exterior angle of the shape and (b) The size of each interior angle of the shape. (c) The sum of the interior angles

Using angle facts and the information given, find (a) The bearing of B from A and (b) The bearing of A from B



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