

Sum of the Angles of a Triangle

Activity 2. Verification by Measuring

We can also measure the angles of a triangle and obtain their sum.

1. Identify the inner angles of each of the triangles in Figure 3 on the next page.
2. Using the protractor, measure the inner angles of each of the triangles.
3. Write your results on the table.

	MEASURES OF THE ANGLES			SUM OF MEASURES
	A	B	C	$A + B + C$
1				
2				
3				
4				
5				
6				

4. Observe the column of the sum of the angles.

They are close or equal to what value?

One objective of this activity is to convince you in a different way that the sum of the angles in a triangle is 180° . Another objective is that you see that when we measure there is usually a slight measuring error, so that not always do the values add exactly to 180° ; the sum may be off by a few degrees.