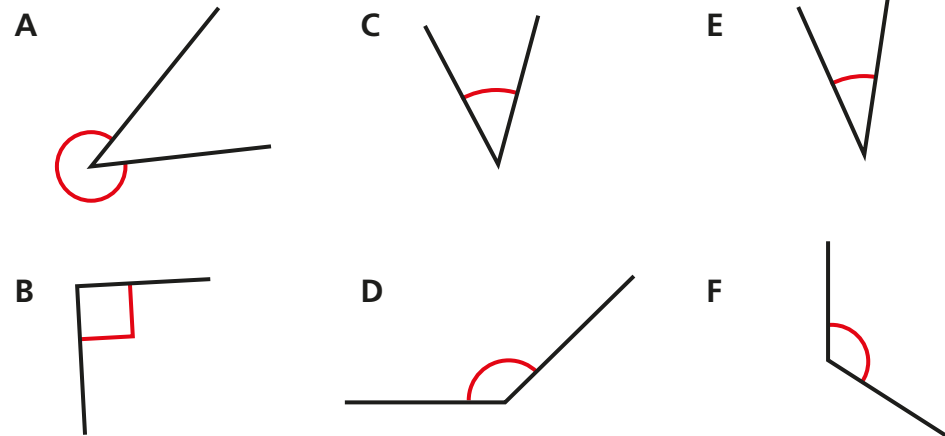


Measure with a protractor

1 Here are some angles.



a) Sort the angles into the table.

| Acute angle | Obtuse angle | Right angle | Reflex angle |
|-------------|--------------|-------------|--------------|
| | | | |

b) How did you decide where to place each angle?

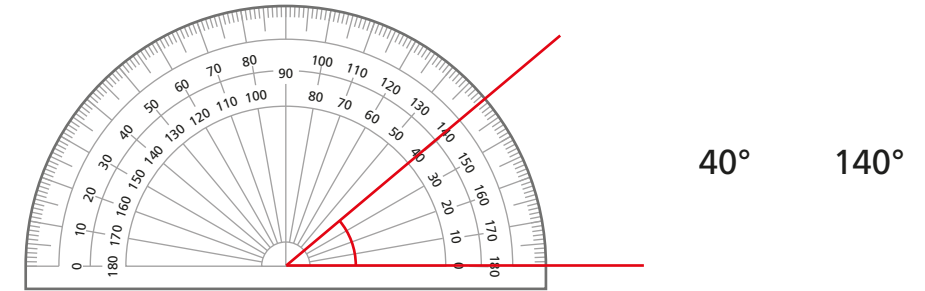
c) Estimate the size of each angle.

| | | | | | |
|---|----------------------|---|----------------------|---|----------------------|
| A | <input type="text"/> | C | <input type="text"/> | E | <input type="text"/> |
| B | <input type="text"/> | D | <input type="text"/> | F | <input type="text"/> |

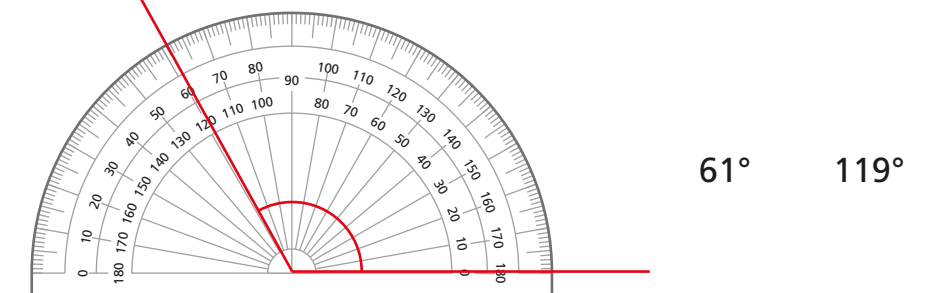
Compare answers with a partner.

2 What is the size of each angle? Circle your answer.

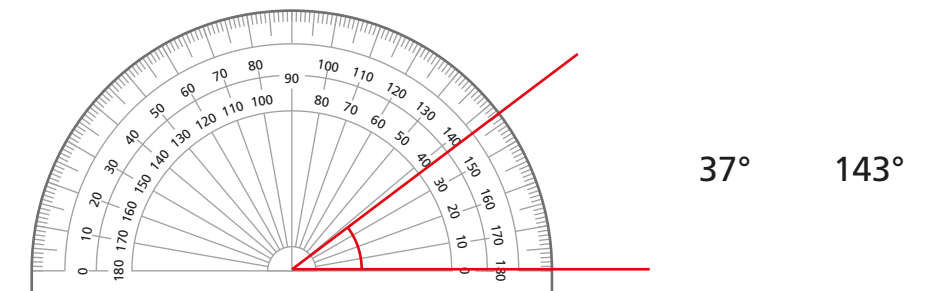
a)



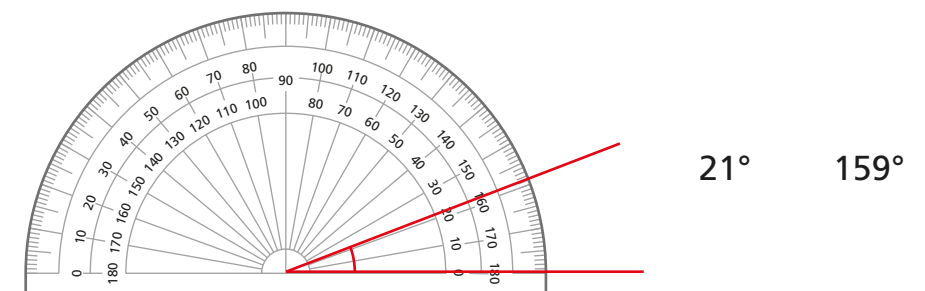
b)



c)



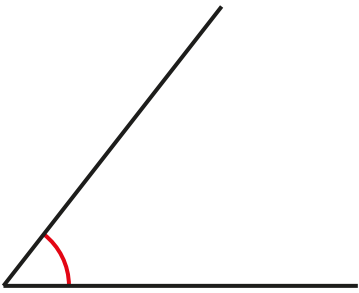
d)

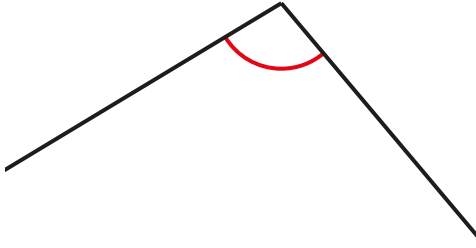


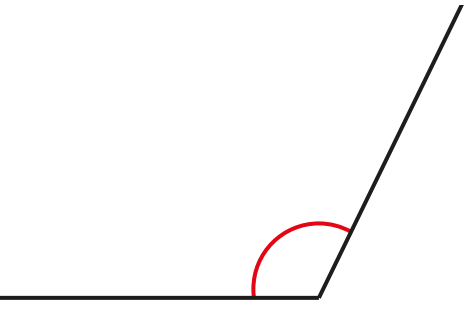
Look at the angles you have **not** circled.
Why might somebody think they are correct?

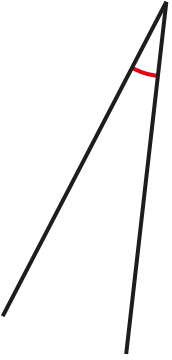


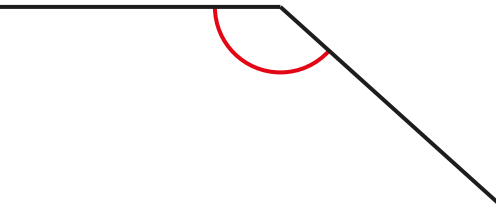
3 Measure the size of each angle using a protractor.

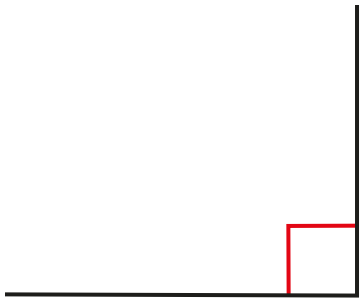
a) 

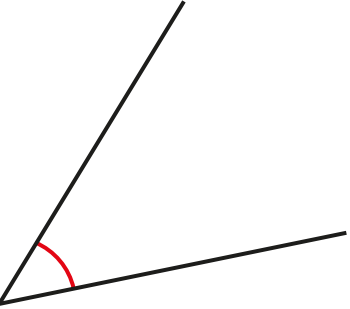
e) 

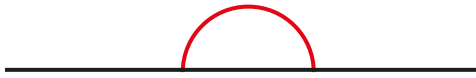
b) 

f) 

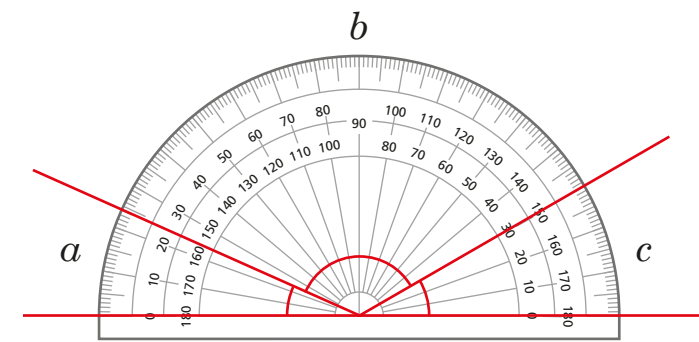
c) 

g) 

d) 

h) 

4 a) Work out the sizes of the angles.



$a =$

$b =$

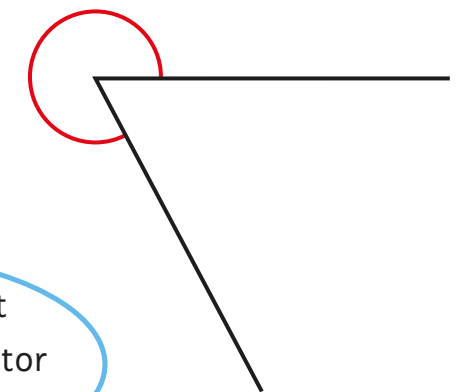
$c =$

b) Discuss with a partner how you worked out each angle.

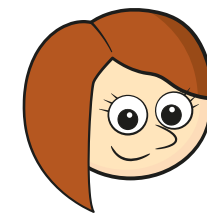
c) Find the total of your three angles.

What do you notice?

5 Rosie is measuring the size of this angle.



a)



I can't measure it because my protractor doesn't go that far.

Do you agree with Rosie? _____

Explain your answer.

b) Measure the size of the angle.