

Calculating Angles Around a Point

1. Draw lines to match up the correct degrees and turns.

360°

three quarter turn

180°

full turn

90°

half turn

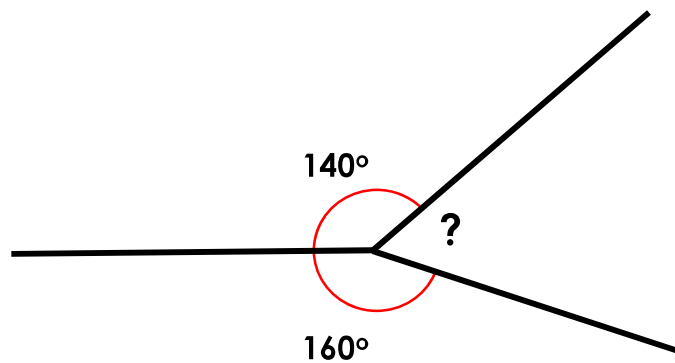
270°

quarter turn



VF
HW/Ext

2. True or false? The missing angle is 50°.

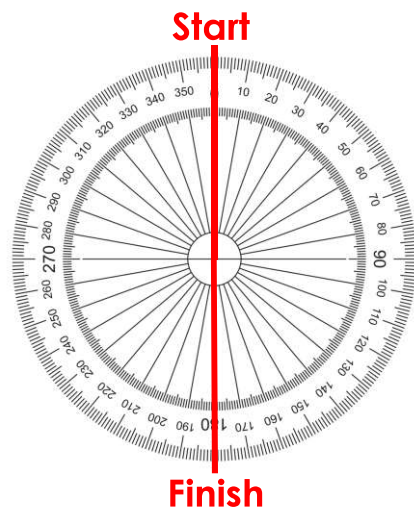


VF
HW/Ext

3. Ava gives these instructions. What mistake has she made? Explain your answer.



From the start, if I make a quarter turn clockwise, then a 25° turn anti-clockwise, followed by a 120° turn clockwise I will reach the finish.



RPS
HW/Ext

Calculating Angles Around a Point

4. Draw lines to match up the correct degrees, number of right angles and turns.

360°

2 right angles

three quarter turn

180°

1 right angle

full turn

90°

3 right angles

half turn

270°

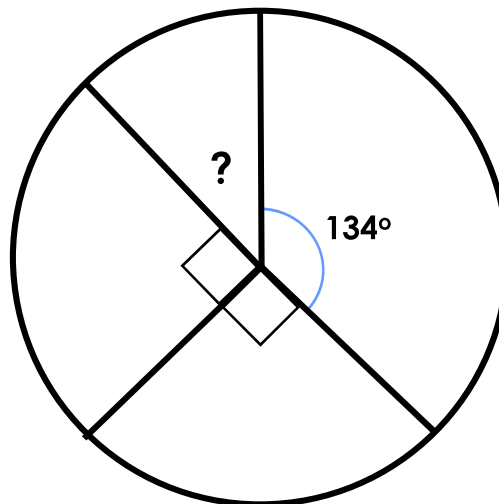
4 right angles

quarter turn



VF
HW/Ext

5. True or false? The missing angle is 51°.

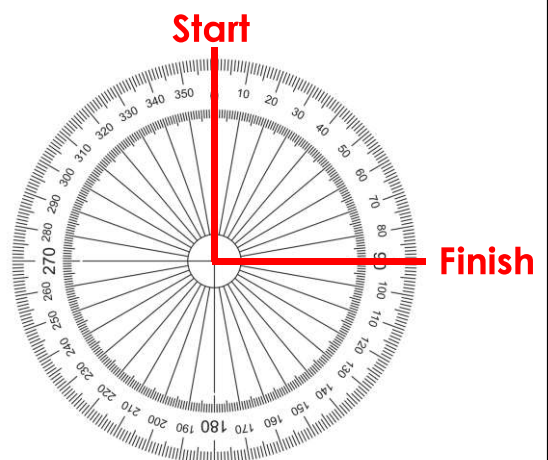


VF
HW/Ext

6. Jakub gives these instructions. What mistake has he made? Explain your answer.



From the start, if I make a quarter turn clockwise, then a 120° turn anti-clockwise, followed by a right-angled turn anti-clockwise and a 115° turn anti-clockwise I will reach the finish.



RPS
HW/Ext

Calculating Angles Around a Point

7. Fill in the blanks and then draw lines to match up the correct degrees, number of right angles and turns.

360°

°

90°

°

right angles

1 right angle

3 right angles

right angles

three quarter turn

full turn

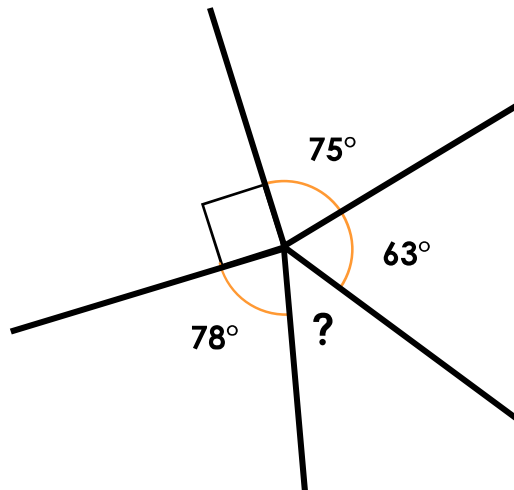
turn

turn



VF
HW/Ext

8. True or false? The missing angle is 56°.

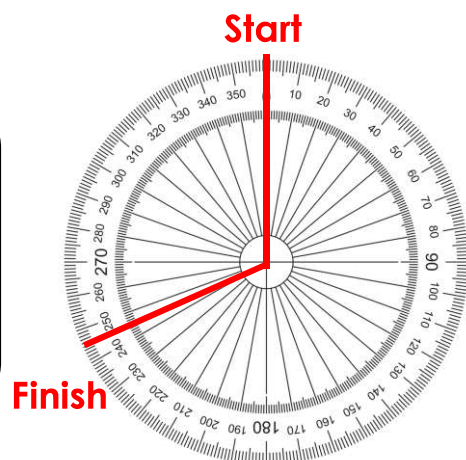


VF
HW/Ext

9. Lena gives these instructions. What mistake has she made? Explain your answer.



From the start, if I make a half turn clockwise, then a 71° turn anti-clockwise, followed by a three right-angled turn clockwise, then a quarter turn anti-clockwise and a 19° turn anti-clockwise I will reach the finish.



RPS
HW/Ext