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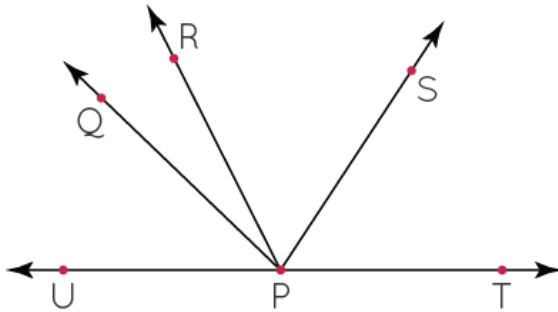
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Angles Worksheet 3

1) Name all the angles that are adjacent to $\angle SPT$.



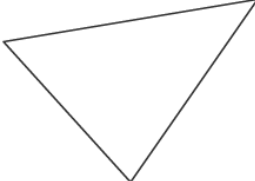
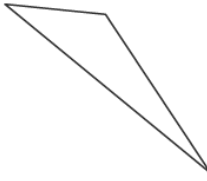

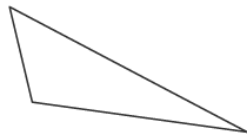
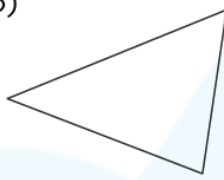
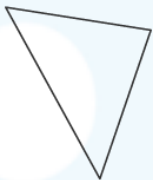
2) Measure the following angles.



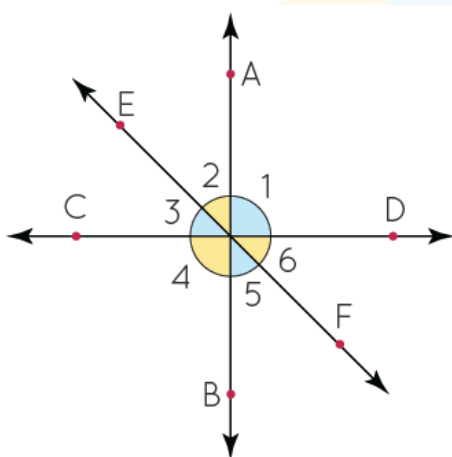
3) Can a right-angled triangle have an obtuse angle? True/False

4) An isosceles triangle can have a right-angled triangle. True/False

5) In each of the given triangles, state, whether the angles are acute, obtuse, or right, angled indicating them with blue, red, and green respectively.

<p>1)</p>  <p>Type:</p>	<p>2)</p>  <p>Type:</p>	<p>3)</p>  <p>Type:</p>
<p>4)</p>  <p>Type:</p>	<p>5)</p>  <p>Type:</p>	<p>6)</p>  <p>Type:</p>

6) Answer the following using the below diagram.



- a. $\angle 1 = ?$ b) $\angle 6 = ?$ c) $\angle 5 = ?$

7) Choose the reflex angle from the following figures.

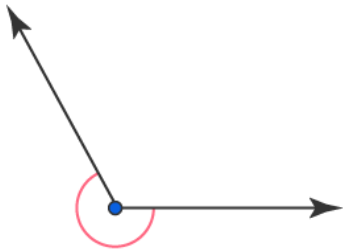


Figure 1

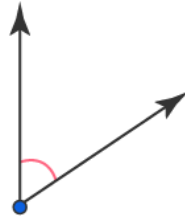


Figure 2

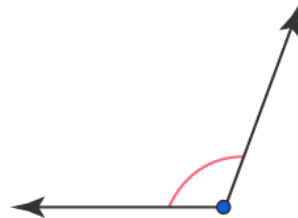


Figure 3

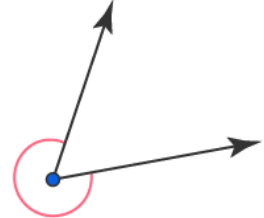
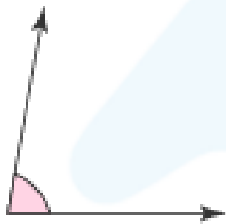


Figure 4

8) Choose the best estimation for the measure of each angle.



- a) 60 b) 80 c) 90



- a) 125 b) 130 c) 160

9) Name the type of indicated angle in the figures below.



Figure 1



Figure 2

- 10) What is the measure of the smaller angle formed by the hour and the minute hands are shown in the clock below?



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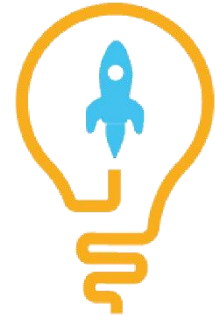
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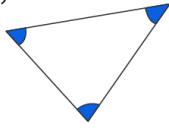
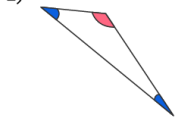
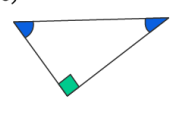
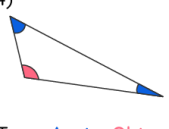
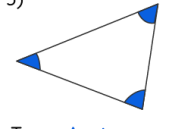
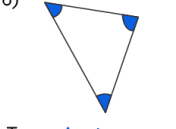
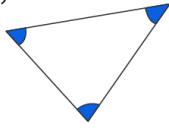
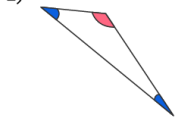
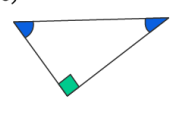
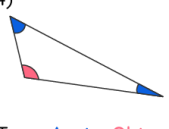
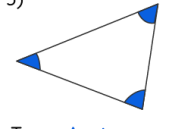
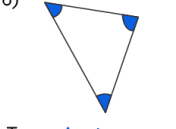
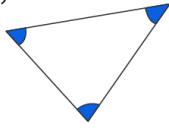
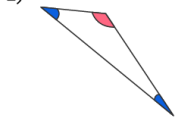
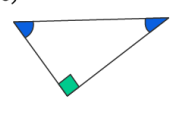
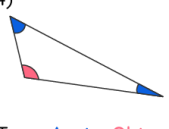
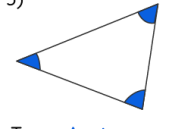
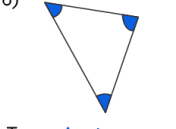
- Barbara Cabrera

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ANSWERS

1) $\angle SPR$ and $\angle UPT$	6) a) $\angle 1 = \angle 4$ b) $\angle 6 = \angle 3$ c) $\angle 5 = \angle 2$						
2) $\angle SOR = 180^\circ$, $\angle ABC = 110^\circ$	7) Figure 1 and Figure 4						
3) False	8) b) 80 degrees c) 160 degrees						
4) True	9) Figure 1: Obtuse angle Figure 2: Acute angle						
<p>5)</p> <table border="1" data-bbox="167 1205 772 1563"> <tr> <td data-bbox="167 1205 363 1384">1)  Type: Acute</td> <td data-bbox="363 1205 560 1384">2)  Type: Acute, Obtuse</td> <td data-bbox="560 1205 772 1384">3)  Type: Acute, Right</td> </tr> <tr> <td data-bbox="167 1384 363 1563">4)  Type: Acute, Obtuse</td> <td data-bbox="363 1384 560 1563">5)  Type: Acute</td> <td data-bbox="560 1384 772 1563">6)  Type: Acute</td> </tr> </table>	1)  Type: Acute	2)  Type: Acute, Obtuse	3)  Type: Acute, Right	4)  Type: Acute, Obtuse	5)  Type: Acute	6)  Type: Acute	10) 150°
1)  Type: Acute	2)  Type: Acute, Obtuse	3)  Type: Acute, Right					
4)  Type: Acute, Obtuse	5)  Type: Acute	6)  Type: Acute					

FUN FACT

1. The sum of angles of a triangle is equal to 180°
2. The letter 'L' forms a 90° between its standing and sleeping line.
3. All our body parts are aligned in such a way that there are different angles formed between our body parts.

