

Week: 1 Lesson 1

1. 20/4/20

1.) $a=130^\circ$ $b=50^\circ$ $c=130^\circ$ $d=50^\circ$

2.) The total of the angles is 360° because there is 360° in a circle and the shape is a circle for instance $90^\circ+90^\circ+90^\circ+90^\circ=360^\circ$ = circle

3.) $a+c$ are 130° they add up to 260° , they are also larger than angles $b+d$.

4.) $b+d$ are both 50° they add up to 100° . They are smaller than angles $a+c$.

5.) Vertically opposite angles are the same angle they are opposite each other. ~~are~~

2.

1) angle: 1, 2, 4, 5

183
90
023

3.

1. $y=29^\circ$ because they are vertically opposite.

2. $z=132^\circ$ because they are vertically opposite.
 $e=81^\circ$ $f=23^\circ$

4.

1) No because you can see that f is smaller than the other angle

5:

$$1. a=133^\circ \quad b=73^\circ \quad c=52^\circ \quad d=20^\circ$$

6:

$$1. 60^\circ = b \quad 20^\circ = a$$

7:

1) yes = because they are both 41° and at opposite sides of the circle.

$$\begin{array}{r} 139 \\ 139 \\ \hline 278 \end{array}$$

$$\begin{array}{r} 251 \\ 800 \\ 278 \\ \hline 082 \end{array}$$