PARALLEL LINES CUT BY A TRANSVERSAL

```
                    1  2
                   3 4 135°


              5 6
             7 8
```

Find the measure of the below angles and explain your reasoning

m<1=	m<5=
m<2=	m<6=
m<3=	m<7=
m<4= 135° Given	m<8=

PARALLEL LINES CUT BY A TRANSVERSAL
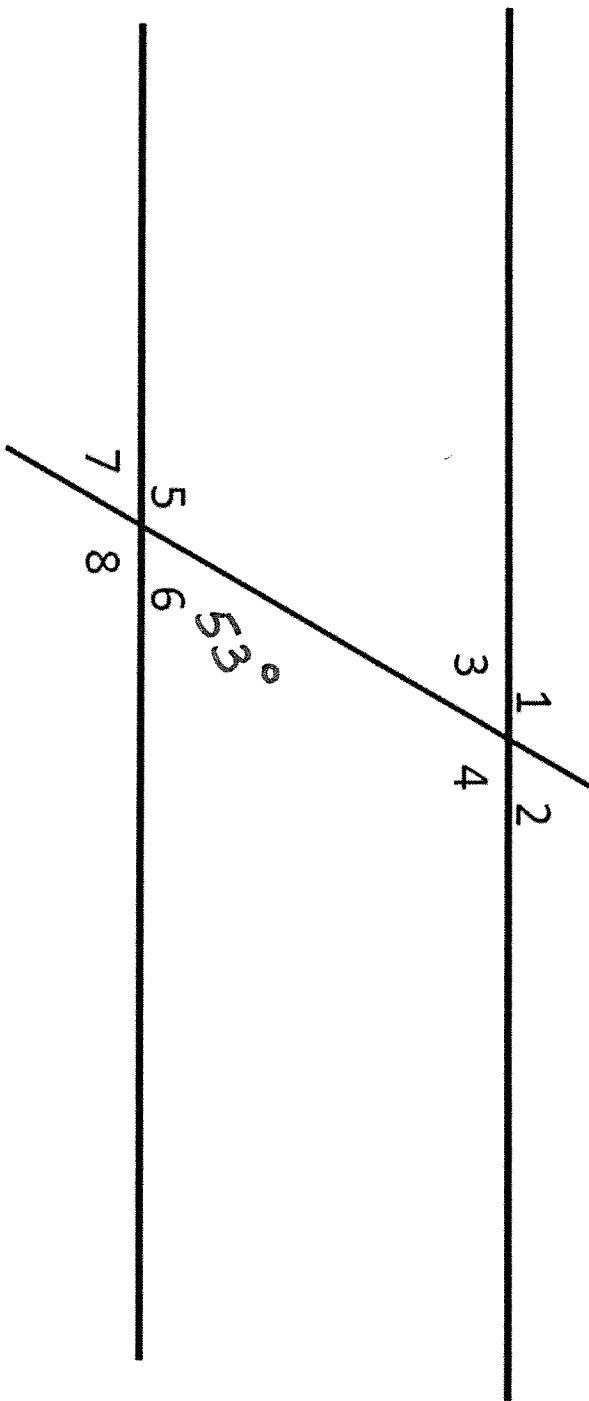
Find the measure of the below angles and explain your reasoning

m<1=	m<5=
m<2=	m<6= *53° Given*
m<3=	m<7=
m<4=	m<8=

PARALLEL LINES CUT BY A TRANSVERSAL

```
        1
      3   4
          2

          126°
      5
    7   8
        6
```
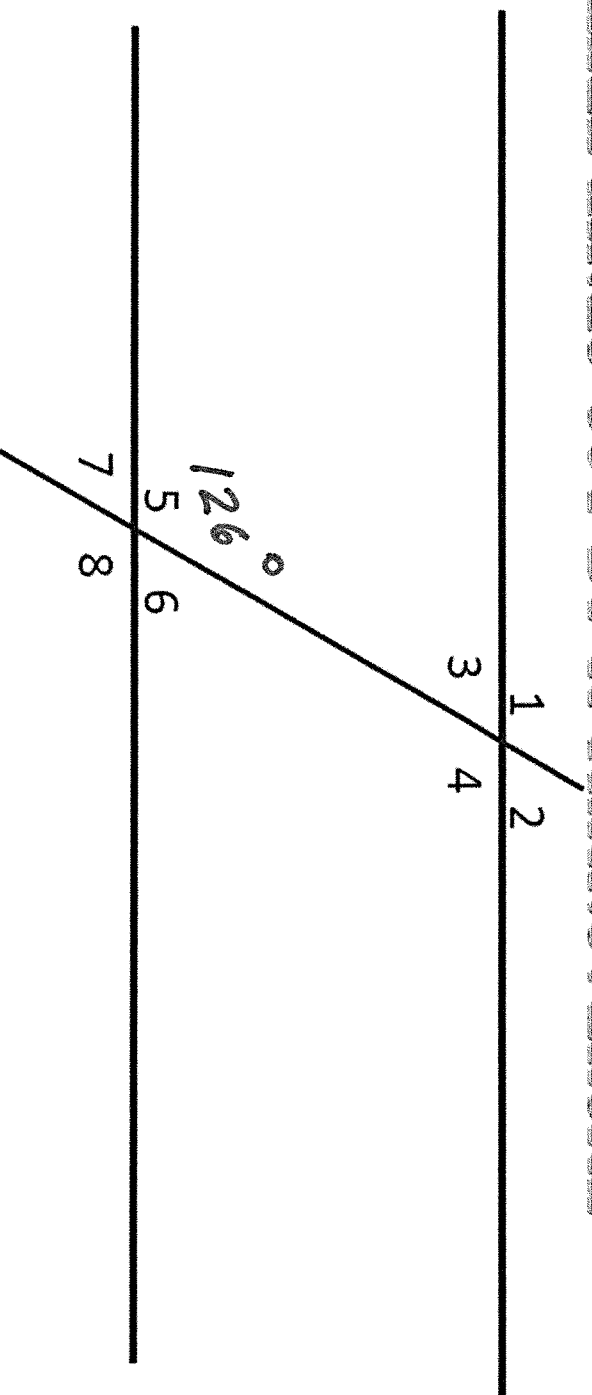
Find the measure of the below angles and explain your reasoning

m<1=	m<5= 126° Given
m<2=	m<6=
m<3=	m<7=
m<4=	m<8=

PARALLEL LINES CUT BY A TRANSVERSAL
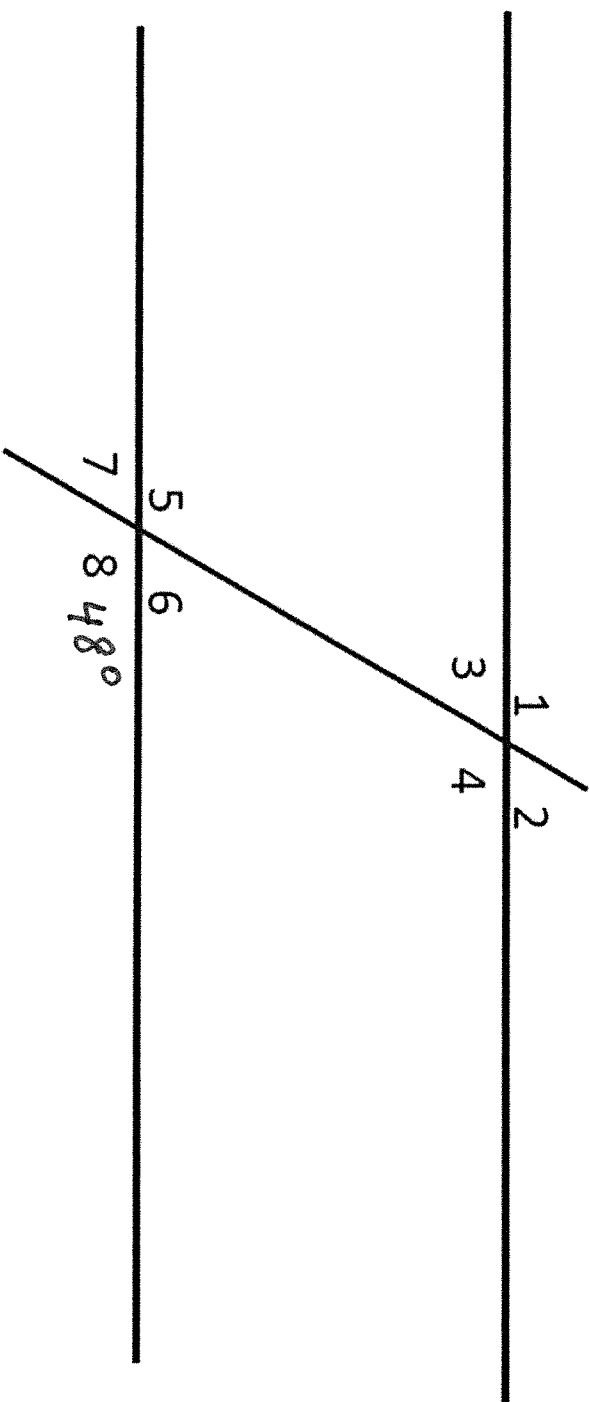
Find the measure of the below angles and explain your reasoning

m<1=	m<5=
m<2=	m<6=
m<3=	m<7=
m<4=	m<8= 48° *Given*

PARALLEL LINES CUT BY A TRANSVERSAL

Diagram: two parallel lines cut by a transversal. Top intersection angles labeled 1, 2, 3, 4. Bottom intersection angles labeled 5, 6, 7, 8.

Angles at top intersection: 1, 2, 3, 4
Angles at bottom intersection: 5, 6, 7, 8
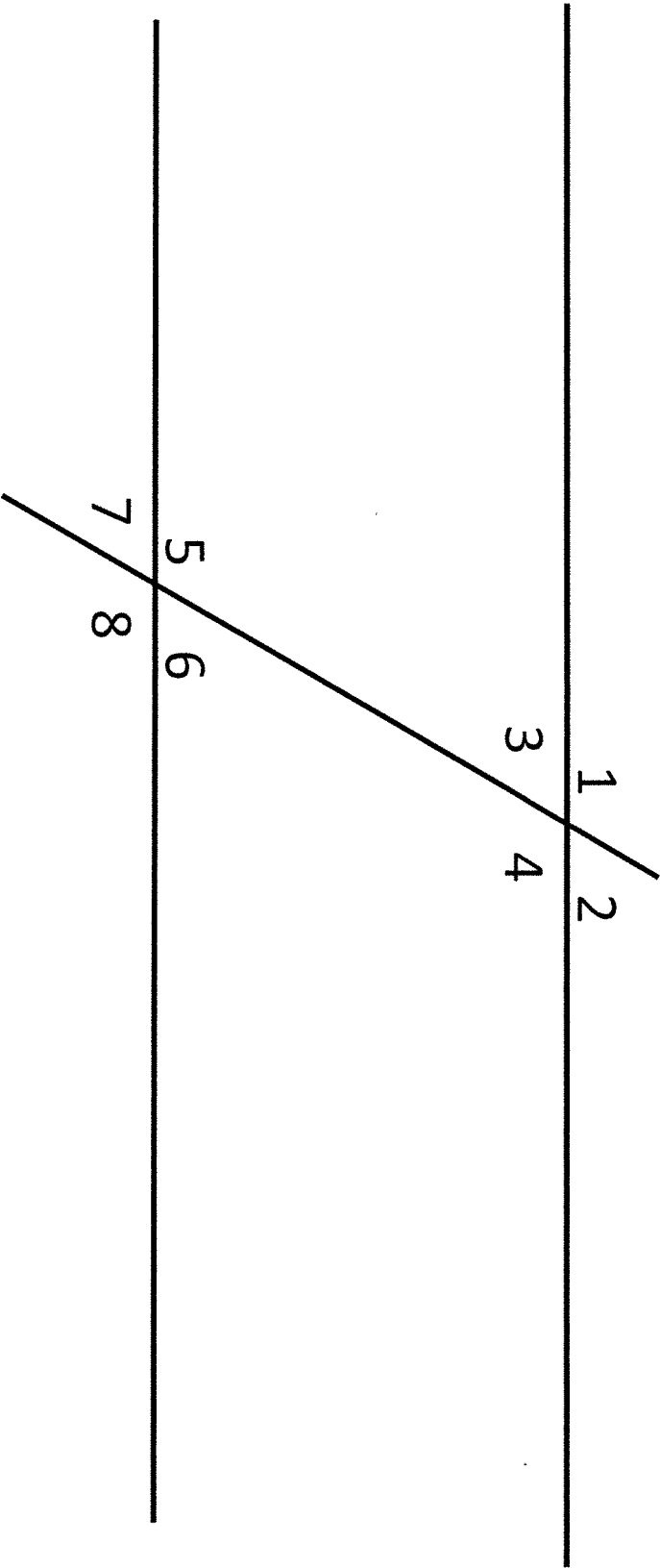
Name two vertical angles:	
Name two supplementary angles:	
Name two corresponding angles:	
Name two alternate interior angles:	

Name two alternate exterior angles:	
Name two adjacent angles:	
Name all the angles that are congruent to angle 1:	
Name all the angles that are congruent to angle 2:	