Name : _____ Score : _____

Pair of Angles

Find the complement and supplement of the given angles.

1) 147^0

Supplement of 147^0 = _____

2) 21^0

Complement of 21^0 = _____

3) 49^0

Complement of 49^0 = _____

4) 110^0

Supplement of 110^0 = _____

5) 99^0

Supplement of 99^0 = _____

6) 34^0

Complement of 34^0 = _____

7) 87^0

Supplement of 87^0 = _____

8) 102^0

Supplement of 102^0 = _____

9) If $m\angle 1 = 28^0$ and $\angle 1$ and $\angle 2$ form a right angle. Find $m\angle 2$.

_____

10) If $m\angle 2 = 165^0$ and $\angle 1$ and $\angle 2$ form a supplementary angles. Find $m\angle 1$.

_____

11) If $\angle 1$ and $\angle 2$ are complementary angles and $m\angle 1 = 16^0$. Find $m\angle 2$.

_____

12) If $m\angle 2 = 97^0$ and $\angle 1$ and $\angle 2$ form a linear pair. Find $m\angle 1$.

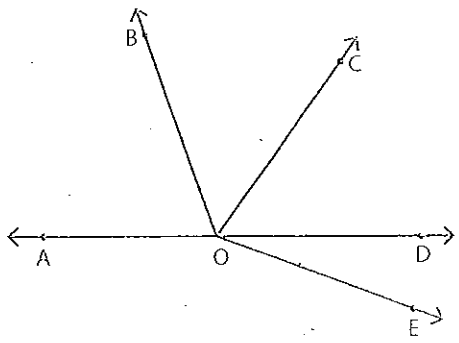
_____

Name : _____ Score : _____

Angles in a Straight Line

Using the given information, find the unknown angles in each problem.

1)

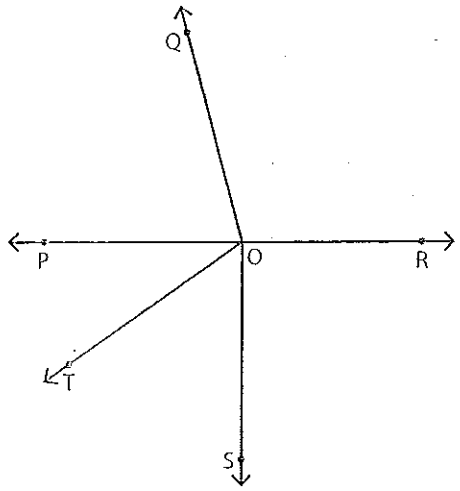


$\angle DOE = 20^0$ $\angle BOD =$ _____

$\angle AOC = 125^0$ $\angle EOC =$ _____

$\angle BOC = 55^0$ $\angle AOE =$ _____

2)



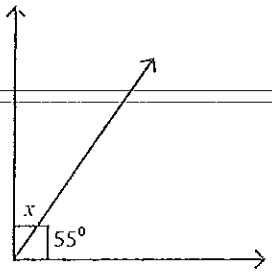
$\angle POQ = 75^0$ $\angle TOP =$ _____

$\angle ROT = 145^0$ $\angle POS =$ _____

$\angle QOS = 165^0$ $\angle QOT =$ _____

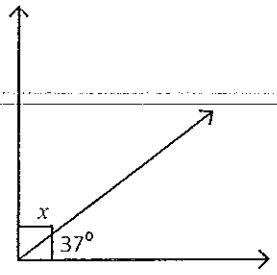
MORE ANGLES

3)



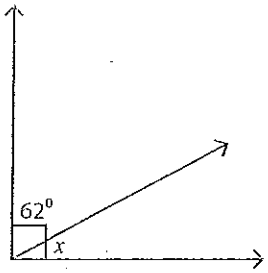
$x =$ _____

4)



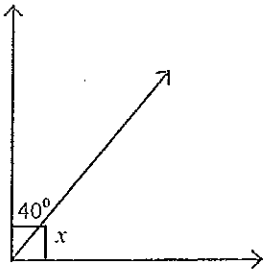
$x =$ _____

5)



$x =$ _____

6)



$x =$ _____