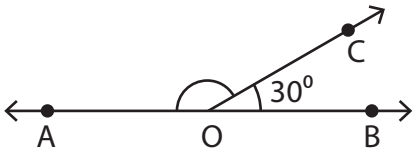
Name : _____

Linear Pairs

Sheet 1

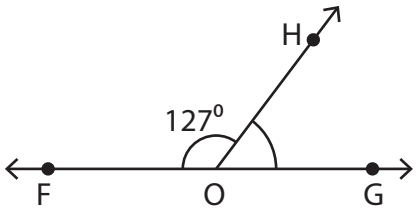
A) Find the measure of the indicated angle in each linear pair.

1)



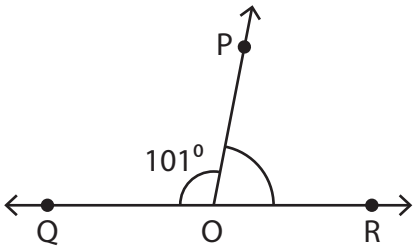
m∠AOC = _____

2)



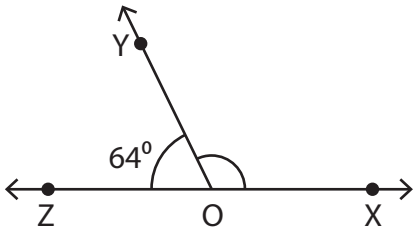
m∠GOH = _____

3)



m∠ROP = _____

4)



m∠XOY = _____

B) 1) If ∠a and ∠b form a linear pair of angles and ∠a = ∠b, find the measures of the angles.

_____

2) If the difference in the measures of a linear pair of angles is 42^0. Find the measures of the angles.

_____

3) Two angles form a linear pair. If the measure of one angle is five times the measure of the other, what are the measures of the angles?

_____

Name : _____

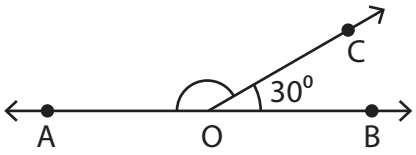
Answer key

Linear Pairs

Sheet 1

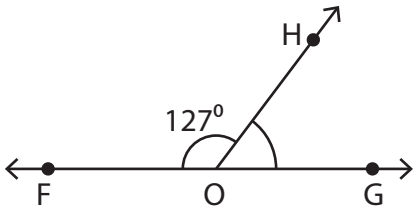
A) Find the measure of the indicated angle in each linear pair.

1)



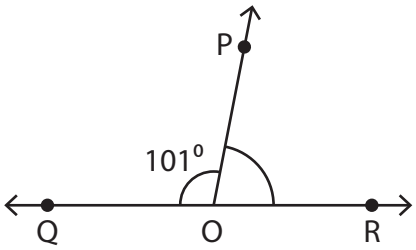
m∠AOC = **150°**

2)



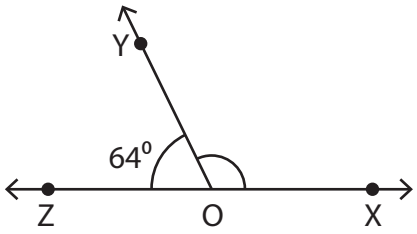
m∠GOH = **53°**

3)



m∠ROP = **79°**

4)



m∠XOY = **116°**

B) 1) If ∠a and ∠b form a linear pair of angles and ∠a = ∠b, find the measures of the angles.

m∠a = 90° and m∠b = 90°

2) If the difference in the measures of a linear pair of angles is 42°. Find the measures of the angles.

111° and 69°

3) Two angles form a linear pair. If the measure of one angle is five times the measure of the other, what are the measures of the angles?

30° and 150°