

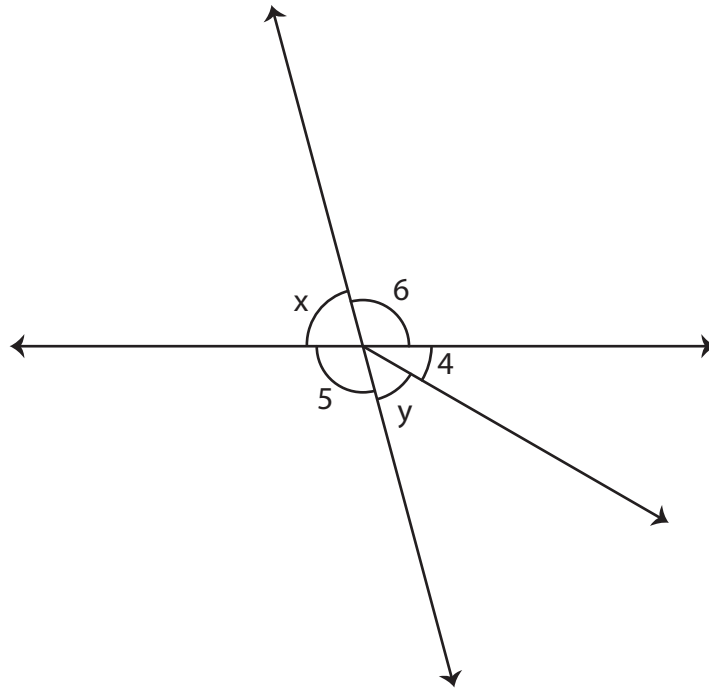


Pair of Angles

Name _____

Score _____

PA:41



- 1) $\angle 5$ and $\angle 6$ are
 - a) linear angles
 - b) adjacent angles
 - c) vertical angles
- 2) Write the two pair of linear angles.

- 3) Circle the adjacent angle.

$m\angle 4$, $m\angle 6$

$m\angle x$, $m\angle y$

$m\angle 5$, $m\angle 6$

- 4) $\angle x$ and $\angle 6$ form linear pair. If $m\angle x$ is 75° , find the $m\angle 6$.

- 5) $\angle 5$ and $\angle 6$ are vertical angles. If $m\angle 5 = (2x + 5)^\circ$, find the value of x .



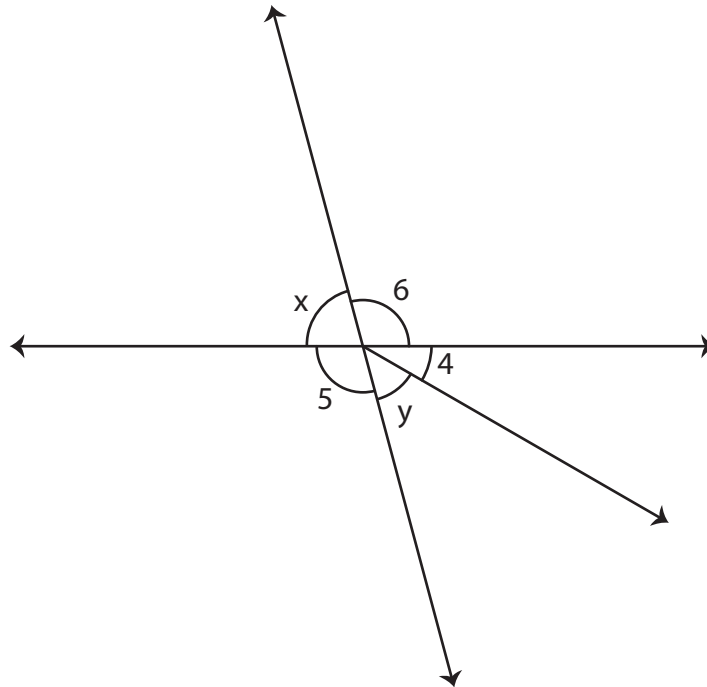
Pair of Angles

Name _____

Score _____

Answer key

PA:41



- $\angle 5$ and $\angle 6$ are
 - linear angles
 - adjacent angles
 - ~~vertical angles~~
- Write the two pair of linear angles.

$m\angle 5$ and $m\angle x$; $m\angle x$ and $m\angle 6$

- Circle the adjacent angle.

$m\angle 4$, $m\angle 6$

$m\angle x$, $m\angle y$

$m\angle 5$, $m\angle 6$

- $\angle x$ and $\angle 6$ form linear pair. If $m\angle x$ is 75° , find the $m\angle 6$.

$m\angle 6 = 105^\circ$

- $\angle 5$ and $\angle 6$ are vertical angles. If $m\angle 5 = (2x + 5)^\circ$, find the value of x .

$x = 50$
