1. Here is an isosceles triangle.


Calculate the size of angle $x$.
Do not use a protractor (angle measurer).
2. Calculate the size of angle $y$ in this diagram.

Do not use a protractor (angle measurer).
$y=$
............................
3. $P Q$ is a straight line.

Calculate the size of angle $x$.
Do not use a protractor (angle measurer).

X = ............................
4. Look at this diagram.

Calculate the size of angle $\boldsymbol{x}$ and angle $\boldsymbol{y}$.
Do not use a protractor (angle measurer).

$X=$ $\qquad$ $Y=$ $\qquad$
5. This shape is three-quarters of a circle.

How many degrees is angle $\boldsymbol{x}$ ?

$$
X=
$$

$\qquad$

6. Here is an equilateral triangle inside a rectangle.

Calculate the value of angle $\boldsymbol{x}$.
Do not use a protractor
$X=$ $\qquad$


