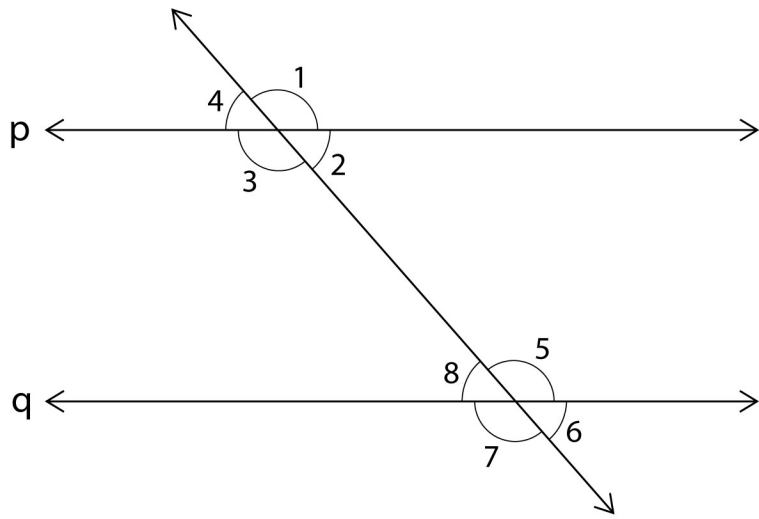


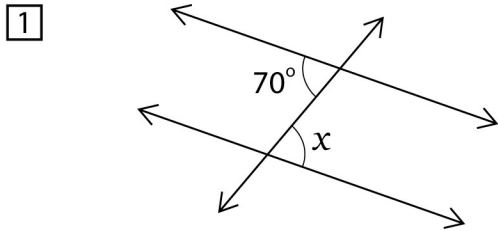
Worksheet on Angles Formed by a Transversal

A) In the given figure, $p \parallel q$ and $\angle 3 = 126^\circ$. Write the measure of all the other angles.

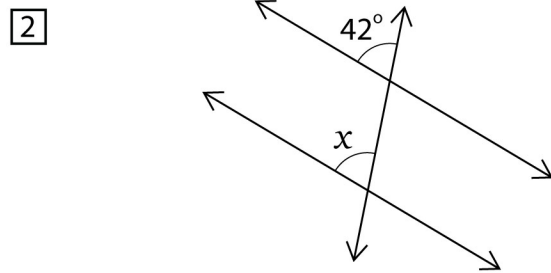
- $\angle 1 =$ _____
- $\angle 2 =$ _____
- $\angle 4 =$ _____
- $\angle 5 =$ _____
- $\angle 6 =$ _____
- $\angle 7 =$ _____
- $\angle 8 =$ _____



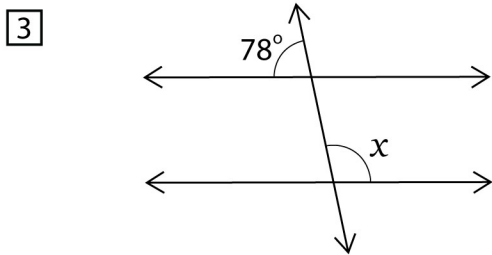
B) Calculate the values of the marked angles in the following diagrams.



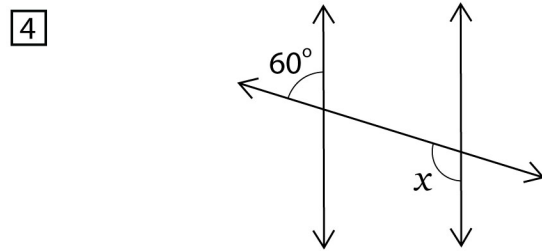
$x =$ _____



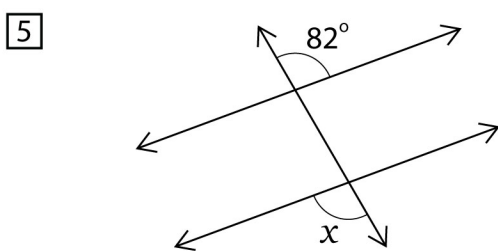
$x =$ _____



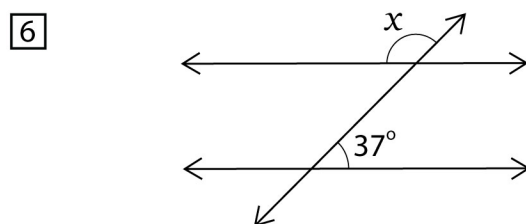
$x =$ _____



$x =$ _____



$x =$ _____



$x =$ _____

Worksheet on Angles Formed by a Transversal

A)

Answers

$$\angle 1 = \underline{126^\circ}$$

$$\angle 2 = \underline{54^\circ}$$

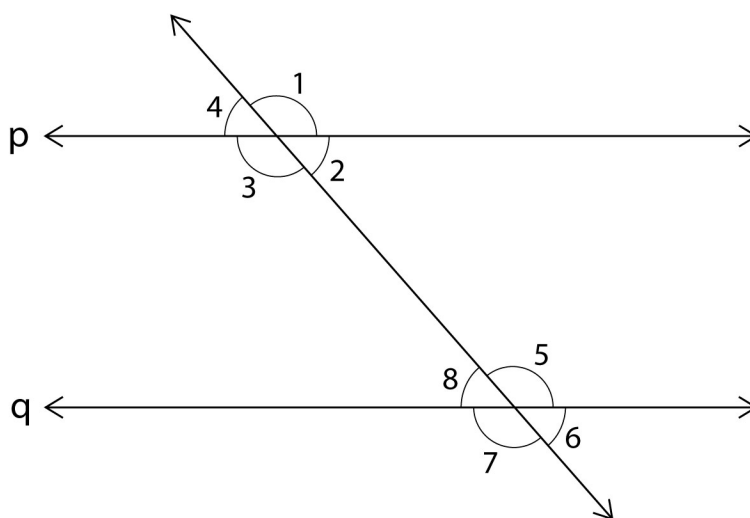
$$\angle 4 = \underline{54^\circ}$$

$$\angle 5 = \underline{126^\circ}$$

$$\angle 6 = \underline{54^\circ}$$

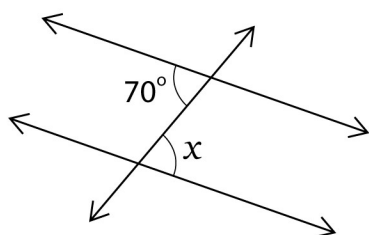
$$\angle 7 = \underline{126^\circ}$$

$$\angle 8 = \underline{54^\circ}$$



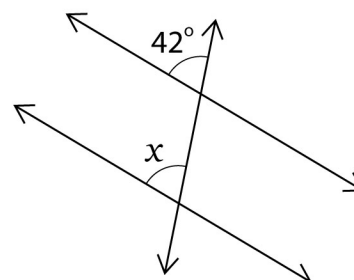
B)

1



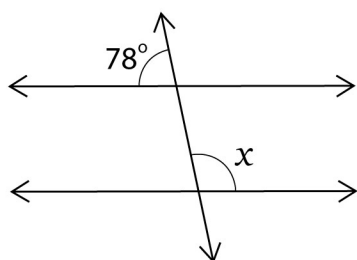
$$x = \underline{70^\circ}$$

2



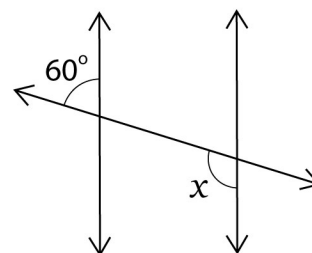
$$x = \underline{42^\circ}$$

3



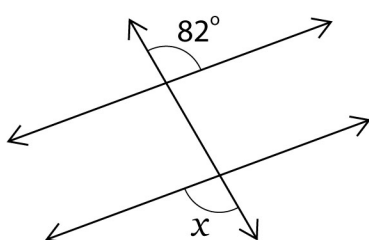
$$x = \underline{102^\circ}$$

4



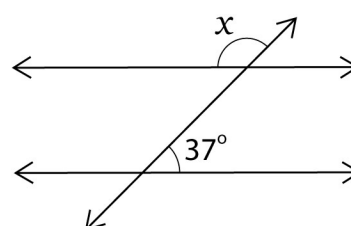
$$x = \underline{120^\circ}$$

5



$$x = \underline{82^\circ}$$

6



$$x = \underline{143^\circ}$$