

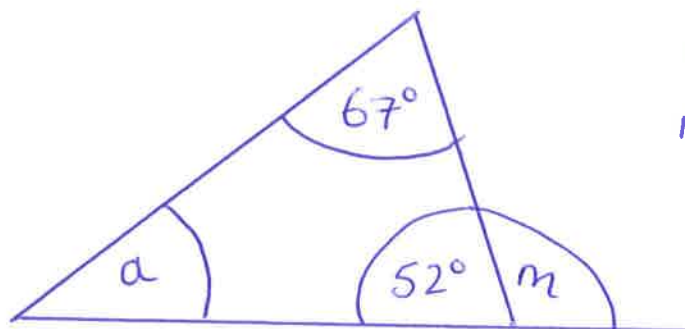
Names:

Worksheet 3a

LO: To be able to find missing angles using known facts.

Not to scale

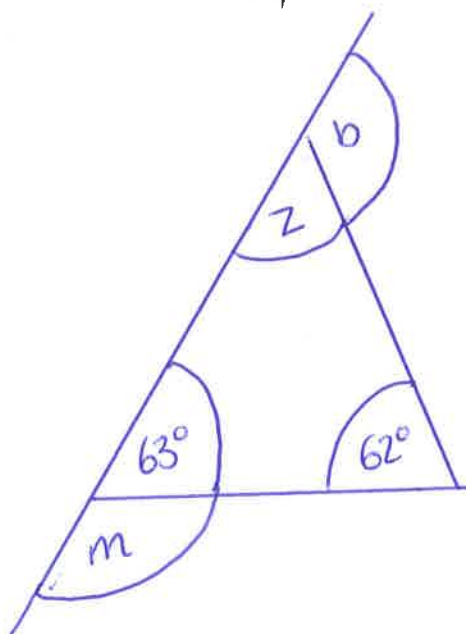
1.



$a =$

$m =$

2.

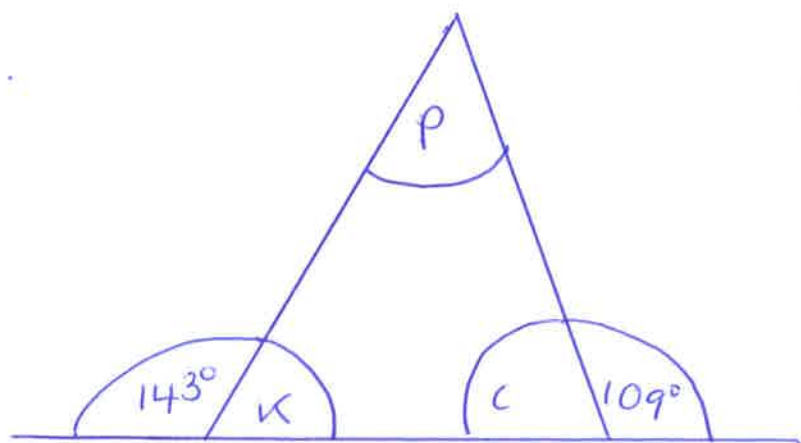


$b =$

$z =$

$m =$

3.

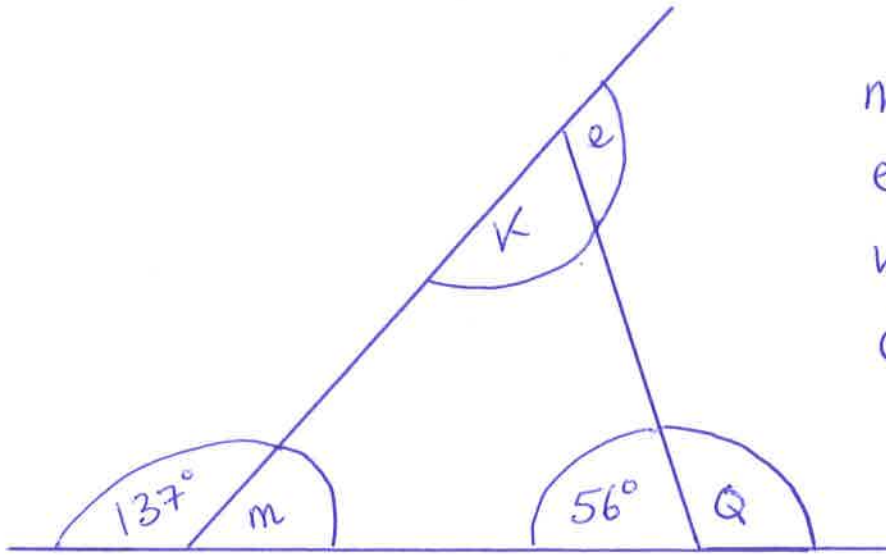


$k =$

$p =$

$c =$

4.



$$m =$$

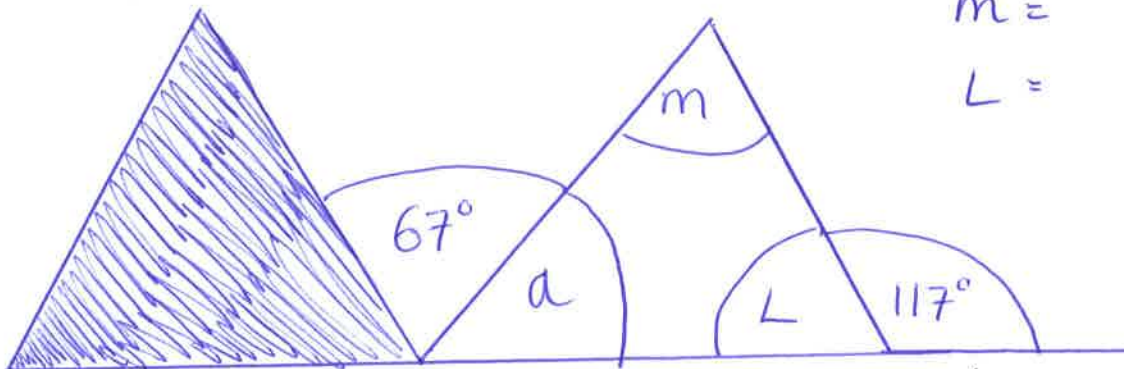
$$e =$$

$$K =$$

$$Q =$$

Challenge

The shaded triangle is an equilateral.
Calculate the missing angles



$$a =$$

$$m =$$

$$L =$$

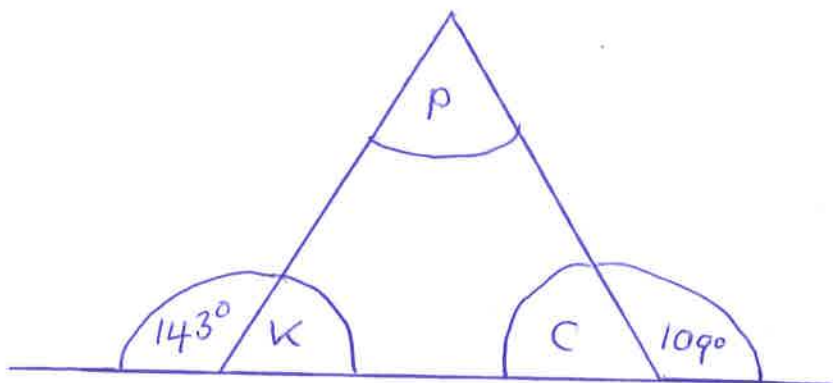
Names:

Worksheet 3b

Not to Scale

LO: To be able to find missing angles using known facts.

1.

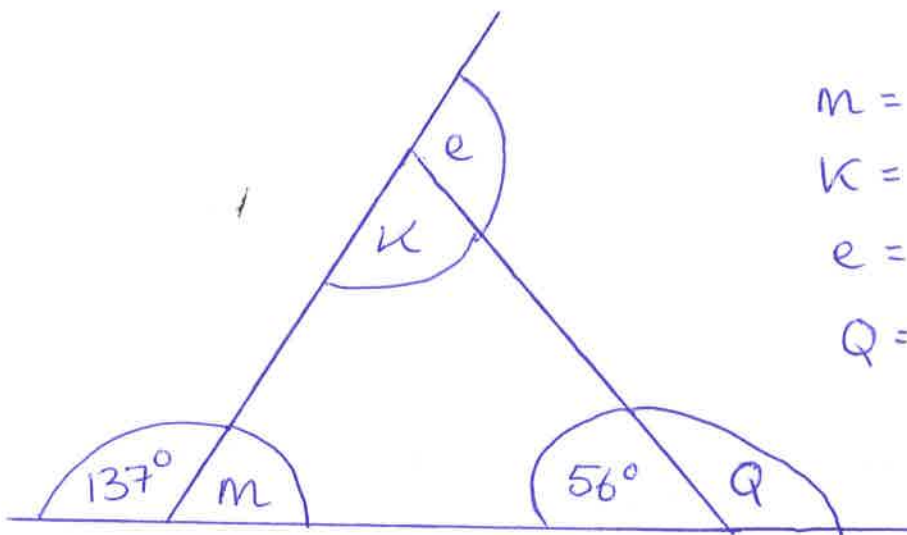


$$K =$$

$$P =$$

$$C =$$

2.



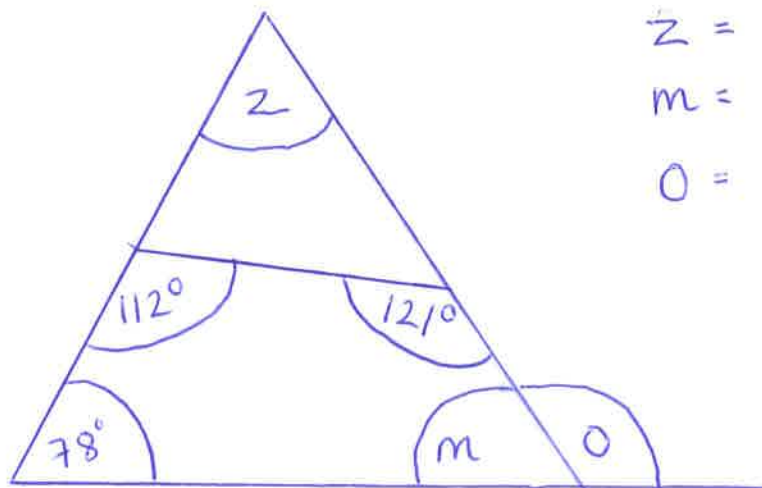
$$m =$$

$$K =$$

$$e =$$

$$Q =$$

3.



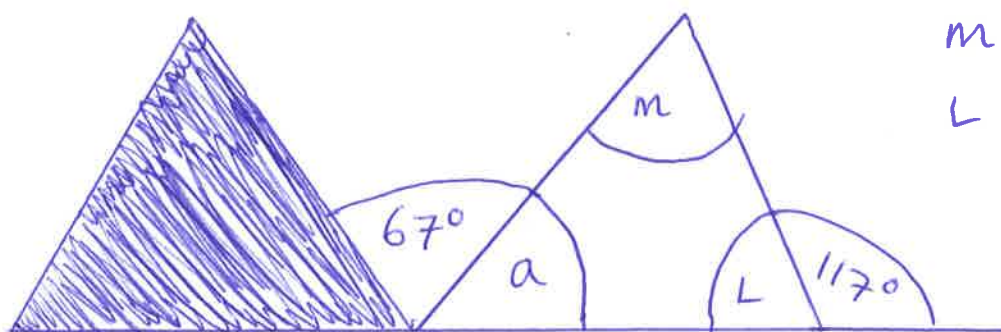
$$z =$$

$$m =$$

$$O =$$

4.

The shaded triangle is an equilateral.
Calculate the missing angles.



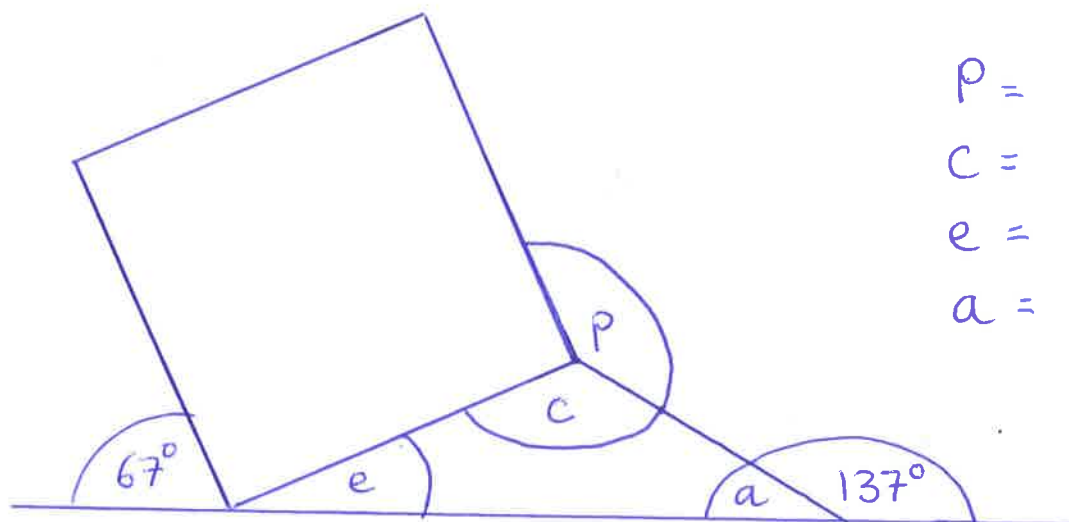
$$a =$$

$$m =$$

$$L =$$

Challenge

The diagram shows a square and a scalene triangle on a straight line.



$$p =$$

$$c =$$

$$e =$$

$$a =$$