



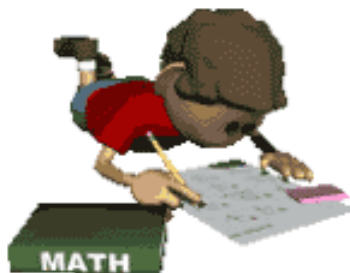
MTH 3-17a

Homework 5

Gold Level



RIGOUR



Homework 5 - Answers



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Homework 5

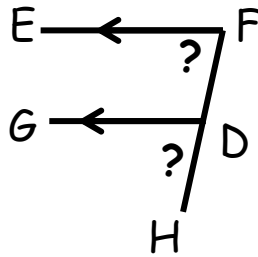
Gold Level



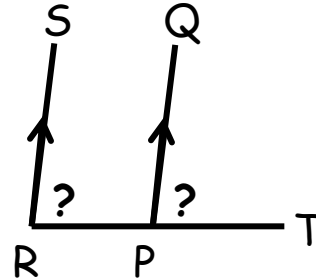
Outcome 1 - Naming Angles

Name the following pairs of angles...

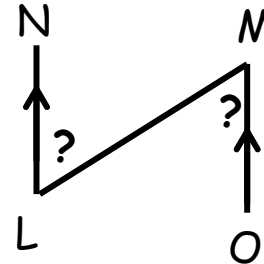
1



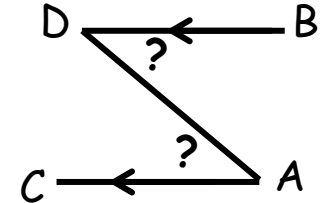
2



3



4

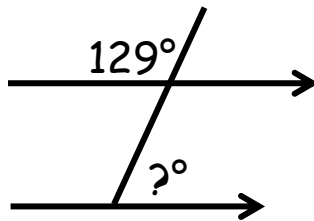


Outcome 2

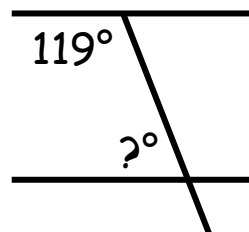
Calculating Missing Angles

Calculate the following missing angles...

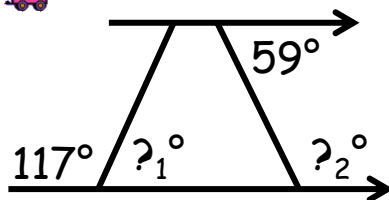
1



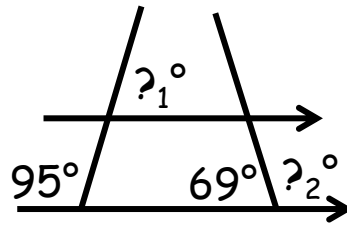
2



3



4

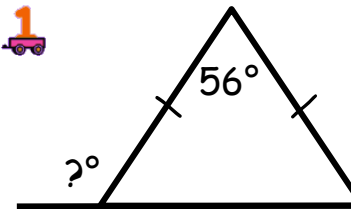


Outcome 3

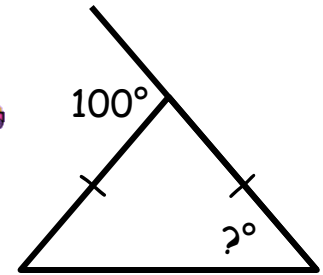
Angles in a Triangle

Calculate the missing angles in the triangles below...

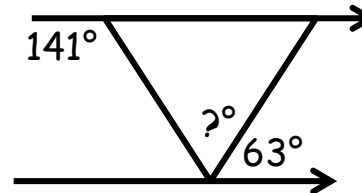
1



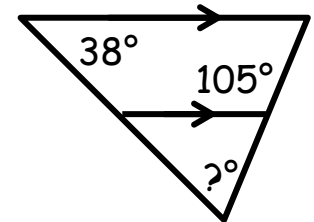
2



3



4





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Homework 5

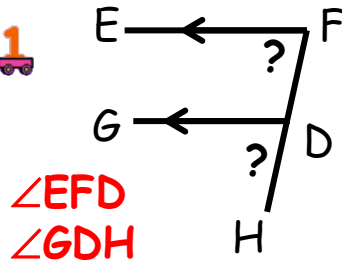
Gold Level



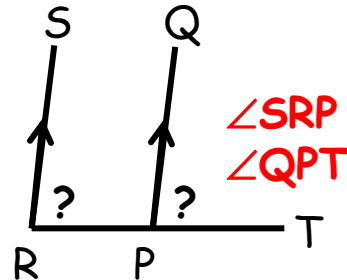
Outcome 1 - Naming Angles

Name the following pairs of angles.

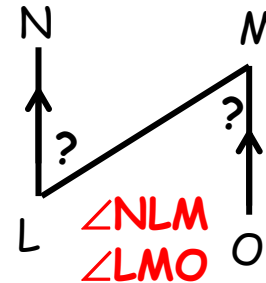
1



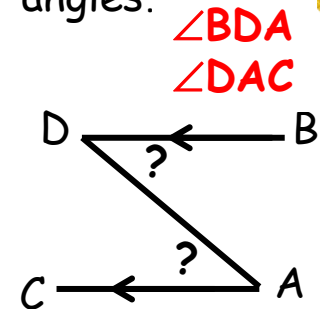
2



3



4

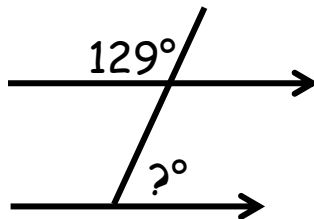


Outcome 2

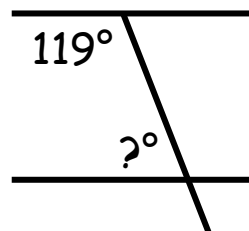
Calculating Missing Angles

Calculate the following missing angles...

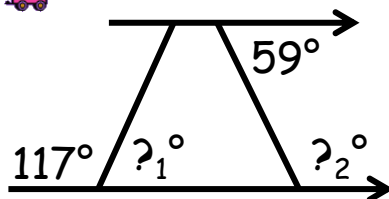
1



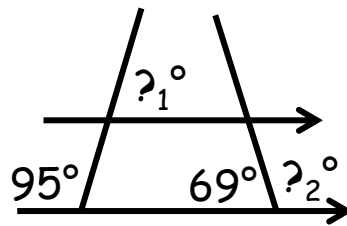
2



3



4



ANSWERS

1

51°

2

61°

3

$?_1 = 63^\circ$

4

$?_1 = 85^\circ$

$?_2 = 121^\circ$

$?_2 = 111^\circ$



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Homework 5

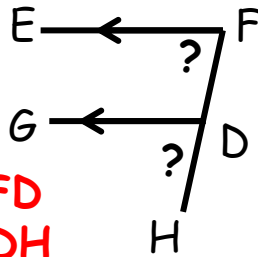
Gold Level



Outcome 1 - Naming Angles

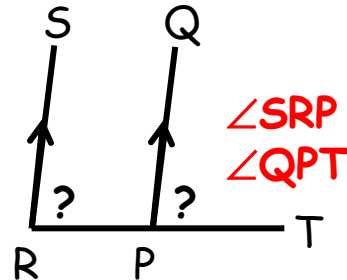
Name the following pairs of angles.

1



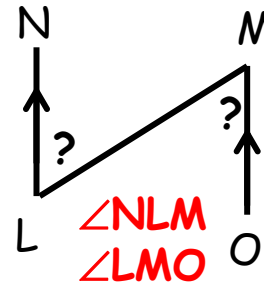
$\angle EFD$
 $\angle GDH$

2



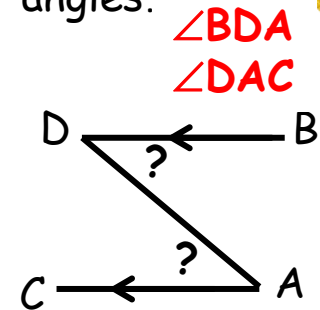
$\angle SRP$
 $\angle QPT$

3



$\angle NLM$
 $\angle LMO$

4



$\angle BDA$
 $\angle DAC$

****ANSWERS****

1

118°

2

50°

3

78°

4

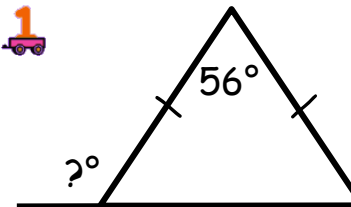
67°

Outcome 3

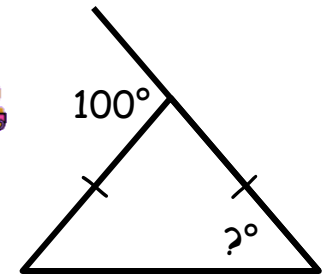
Angles in a Triangle

Calculate the missing angles in the triangles below...

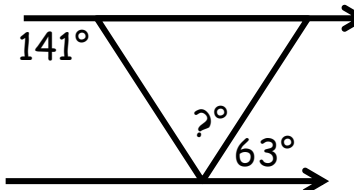
1



2



3



4

