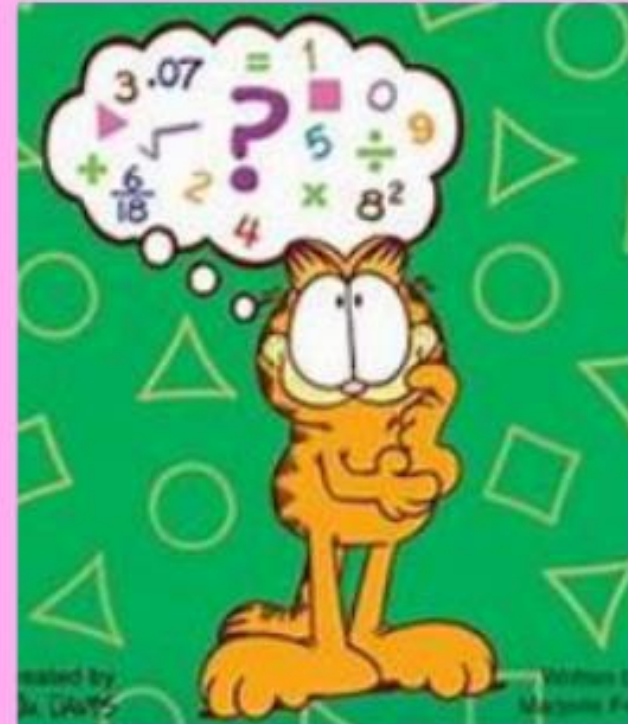




25.02.21

LO: I can find missing angles around a point and on a straight line.



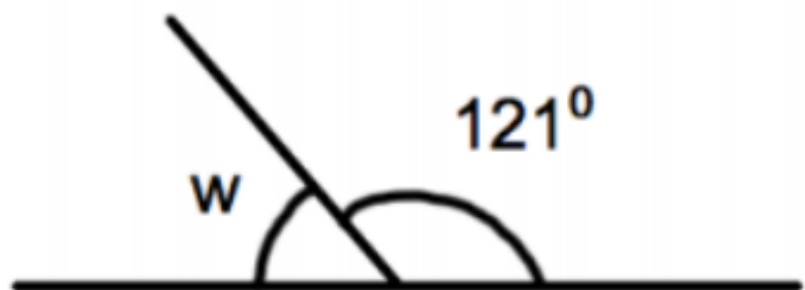
Looking back to work we completed last term,  
can you tell me;

How many degrees in a straight line?



How many degrees are there around a point?





Orally describe the process you would go through to solve these problem.

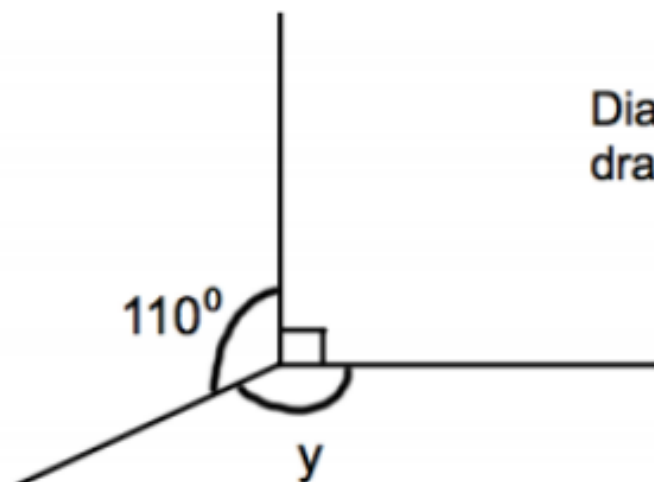
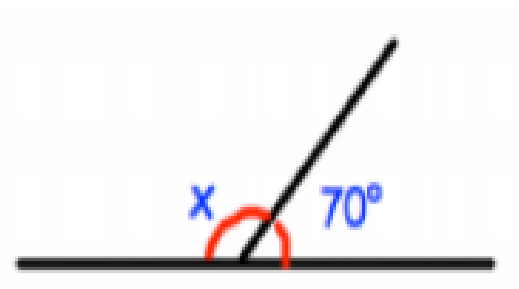


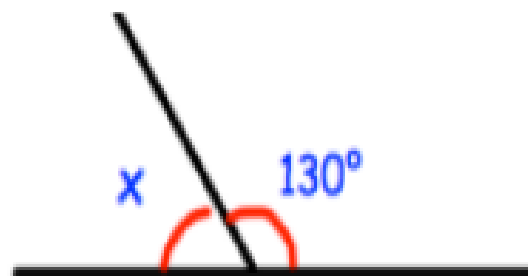
Diagram not  
drawn accurately

Question 2: Calculate the size of the missing angles

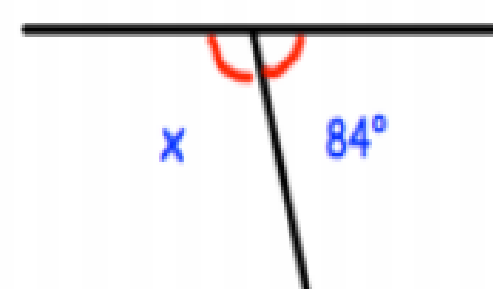
(a)



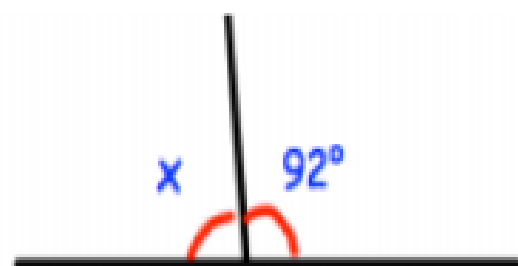
(b)



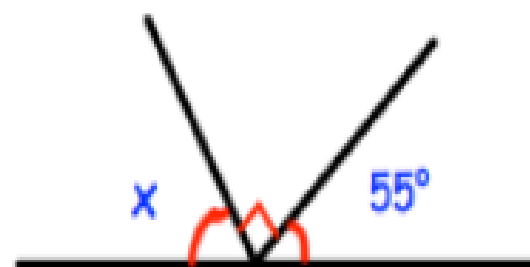
(c)



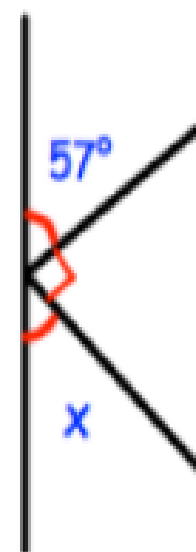
(d)



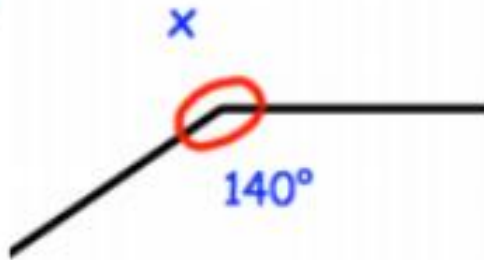
(e)



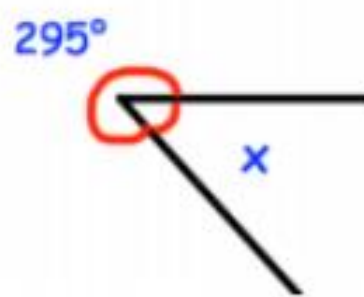
(f)



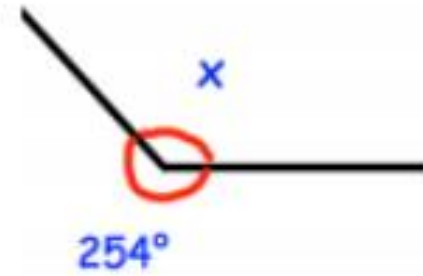
(a)



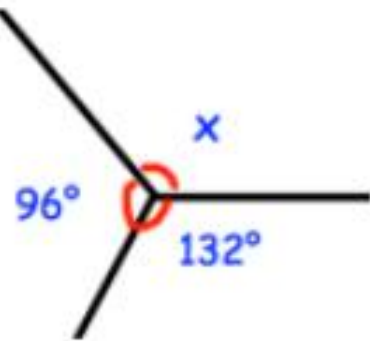
(b)



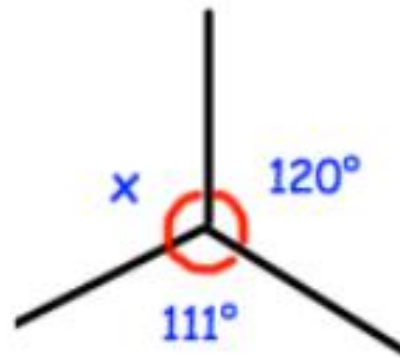
(c)



(d)



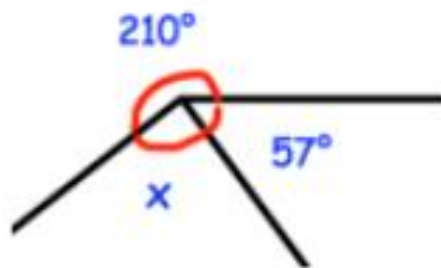
(e)



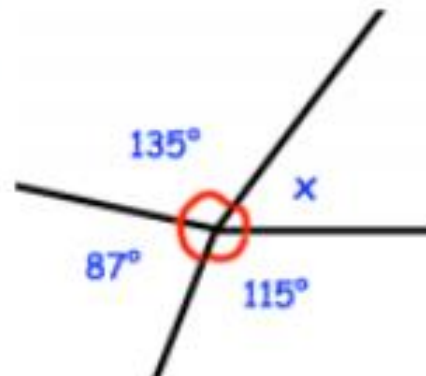
(f)



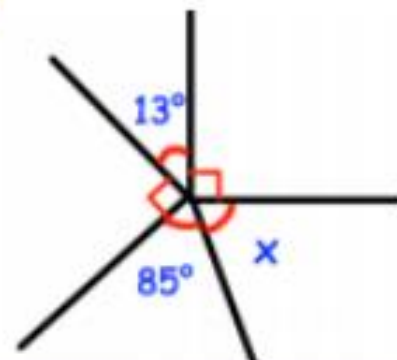
(g)



(h)



(i)



25.02.21

LO: I can use a written method for division.

$$136 \div 4 =$$

$$358 \div 8 =$$

25.02.21

LO: I can use a written method for division.



Section of 2 digit by a 1-digit  
number division



NRICH Task – Division rules

Look at and investigate the  
rules. Can we make any  
assumptions?

## Division Rules

This challenge is about dividing a three-digit number by a single-digit number.

Begin by deciding which number you are going to be dividing by. This is your divisor.

Your challenge is going to be to come up with some rules for this divisor.

Now generate a three-digit number. This is your dividend.

You could use the spinners [here](#) to generate the digits, you could use dice or could just use your imagination!



Now divide your dividend by your divisor.  
Record the answer.

Create other dividends and divide them by the same divisor. Record the answers.

Look carefully at the answers. When is the answer a whole number? When is there a remainder of 1?

Can you spot any patterns?

Can you come up with any rules?

## PLENARY

Use the rules we have come up with and predict the solution to and then solve.

a)  $398 \div 4$

b)  $389 \div 6$

c)  $537 \div 4$