

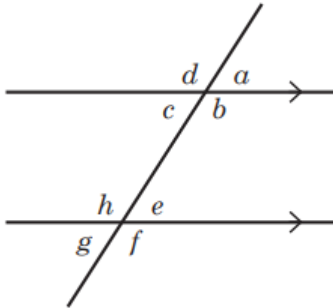
Summer Term Maths Year 10

Lines and angles

Day
2

Week 3

1 The diagram shows some angles.

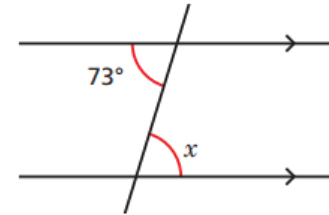


- (a) Write down 2 angles that are vertically opposite.
- (b) Write down 2 angles that are corresponding.
- (c) What is the sum of b and e?
- (d) Complete the sentences
angle b is alternate to _____
angle c is alternate to _____

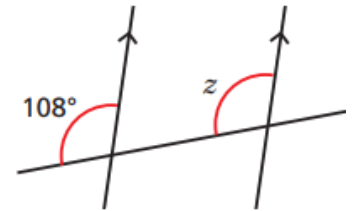
2 Find the missing marked angles.

For each one write down your reason.

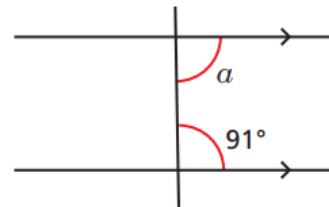
(a)



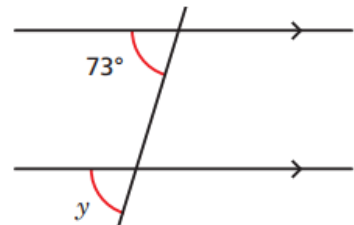
(b)



(c)



(d)



3

- (a) Draw a diagram that shows 2 angles that are corresponding.
- (b) Draw a diagram that shows 2 angles that are alternate.

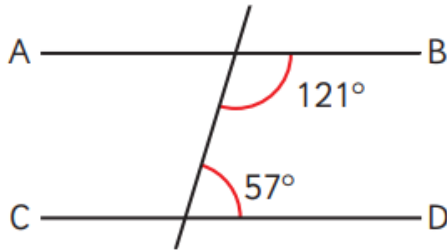
Summer Term Maths Year 10

Lines and angles

Day 2

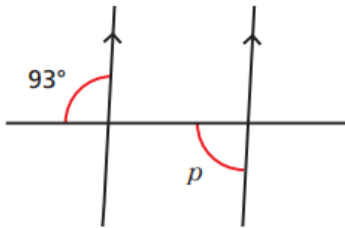
Week 3

- 4 Are the two lines segments AB and CD parallel? Explain your reasoning.

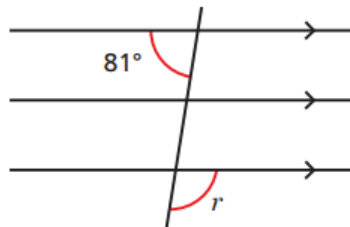


- 5 Work out the missing labelled angles. Give reasons for your answers.

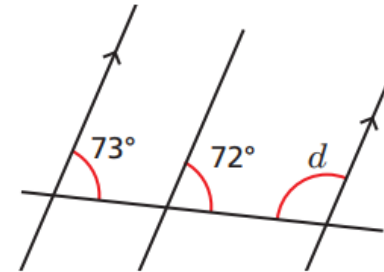
(a)



(b)



- 6 Mo says that $d = 108^\circ$ as $72^\circ + 108^\circ = 180^\circ$



Is Mo correct? Explain your answer.

- 7 Work out the size of angle x.

