

Name	
Form	
Teacher	

Maths

Homework Booklet

Year 8 Summer 1

Set P,1,2,3

Topic	Score achieved	Sparx %
1. Angles - Mixture	/18	%
2. Angles in a triangle	/15	%
3. Angles in a quadrilateral	/15	%
4. Angles in parallel lines	/16	%
5. Area of compound shapes	/12	%

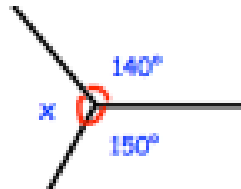


Week 1

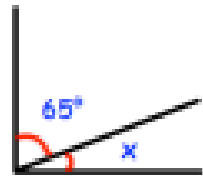
(a)



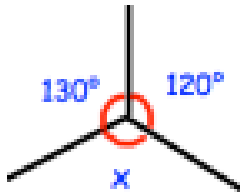
(b)



(c)



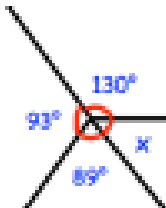
(d)



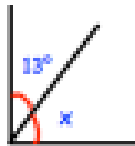
(e)



(f)



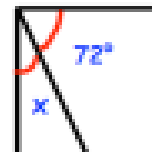
(g)



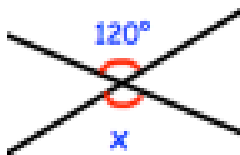
(h)



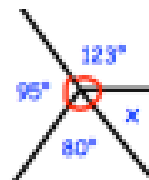
(i)



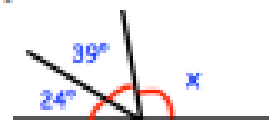
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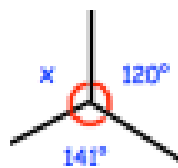
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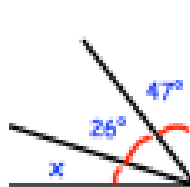
(l)



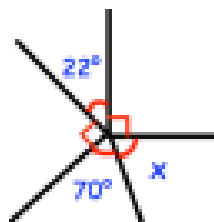
(m)



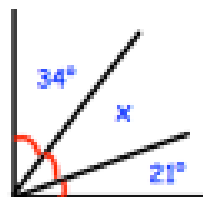
(n)



(o)



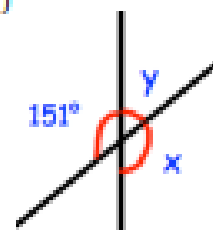
(p)



(q)



(r)



Sparx – Homework Answers



Week 2

Question 1: Find the size of each missing angle.

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)
- (g)
- (h)
- (i)

Question 2: Find the size of each missing angle.

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)

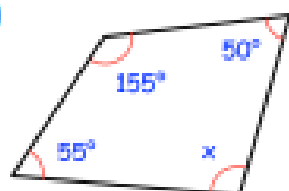
Sparx – Homework Answers



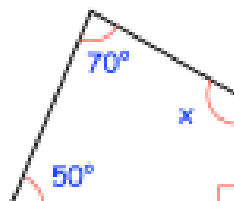
Week 3

Question 1: Find the size of each missing angle.

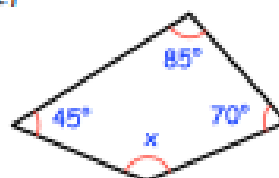
(a)



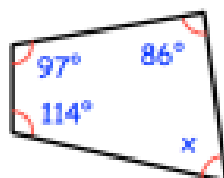
(b)



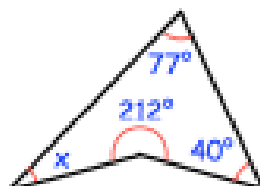
(c)



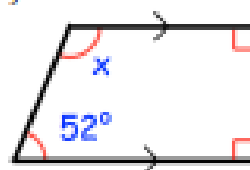
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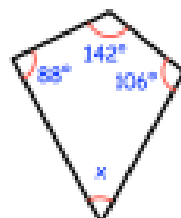
(e)



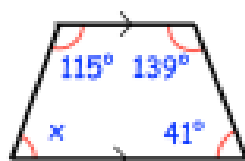
(f)



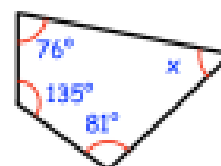
(g)



(h)

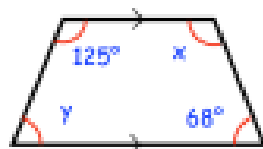


(i)

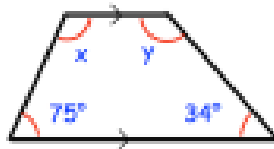


Question 2: Shown below are three trapezia.
Find the size of each missing angle.

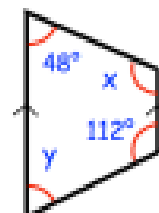
(a)



(b)

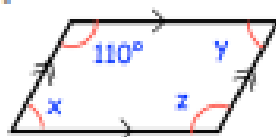


(c)

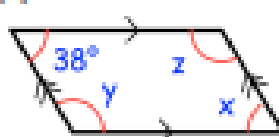


Question 3: Shown below are three parallelograms.
Find the size of each missing angle.

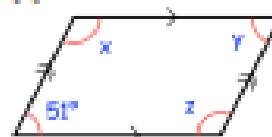
(a)



(b)



(c)

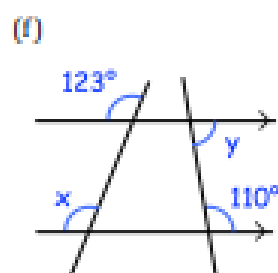
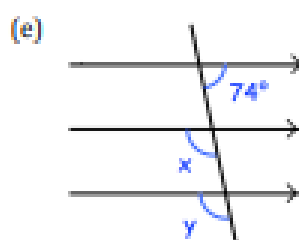
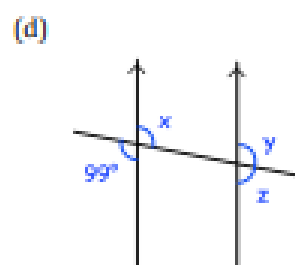
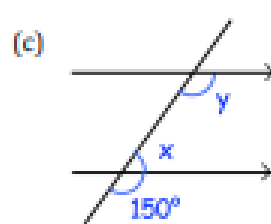
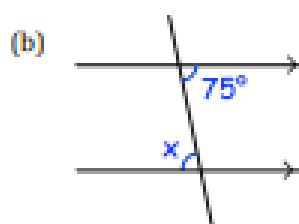
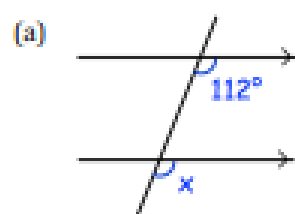


Sparx – Homework Answers

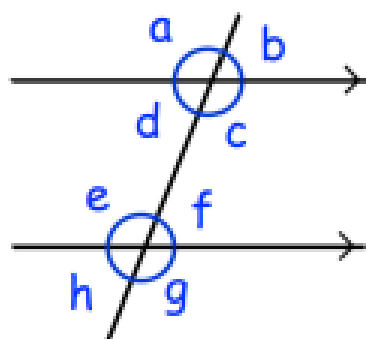


Week 4

Question 1: Write down the sizes of the lettered angles.



Question 2:



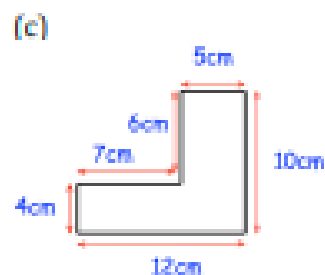
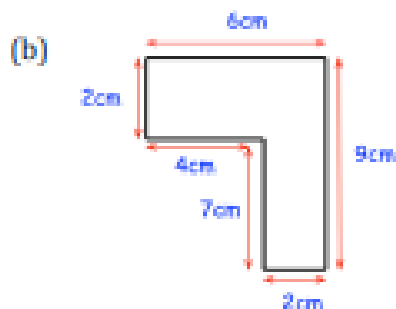
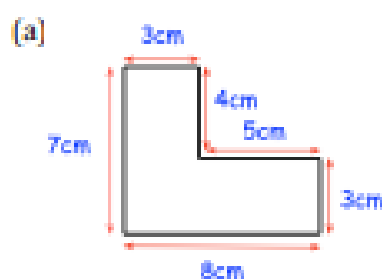
- (a) Which angle is corresponding to angle c ?
- (b) Which angle is alternate to angle d ?
- (c) Which angle is corresponding to angle h ?
- (d) Which angle is vertically opposite to angle a ?
- (e) Which angle is alternate to angle e ?
- (f) Which angle is co-interior with angle c ?
- (g) Which angle is vertically opposite to angle h ?
- (h) Which angle is co-interior with angle e ?
- (i) Which angle is corresponding to angle a ?
- (j) Which angle is vertically opposite to angle g ?

Sparx – Homework Answers

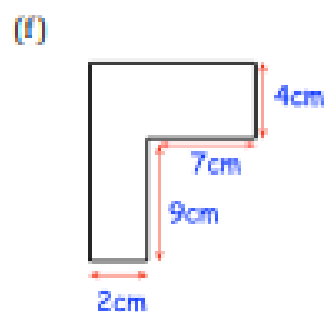
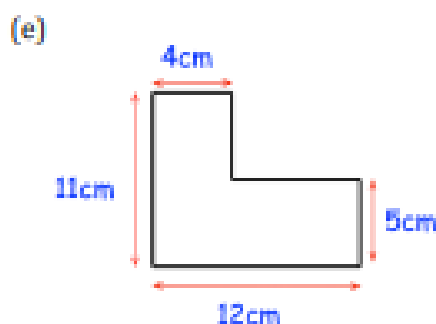
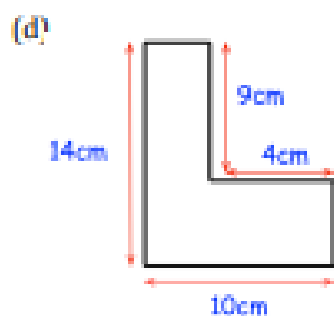
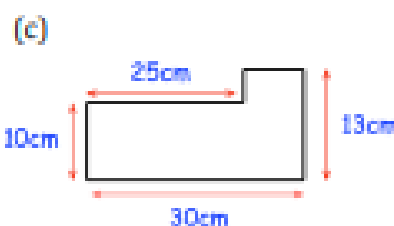
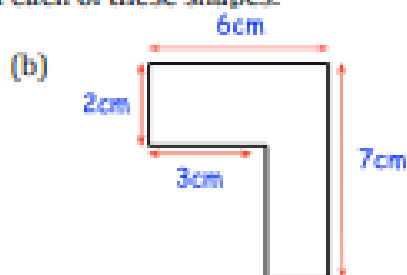
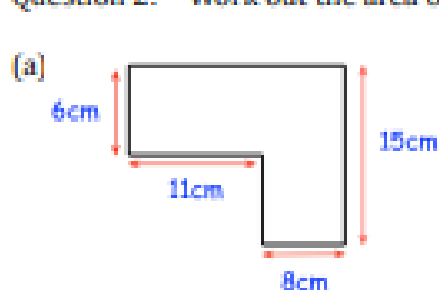


Week 5

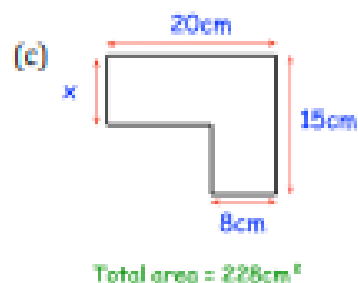
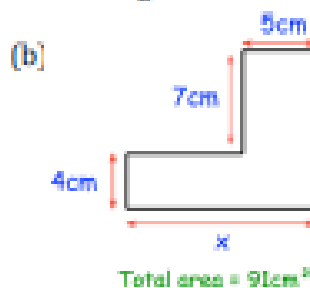
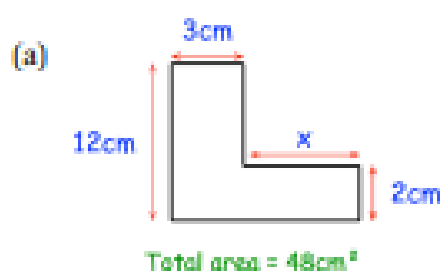
Question 1: Work out the area of each of these shapes.



Question 2: Work out the area of each of these shapes.



Question 3: The area of each shape is given.
Work out the size of the missing sides.



Sparx – Homework Answers