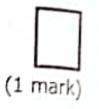
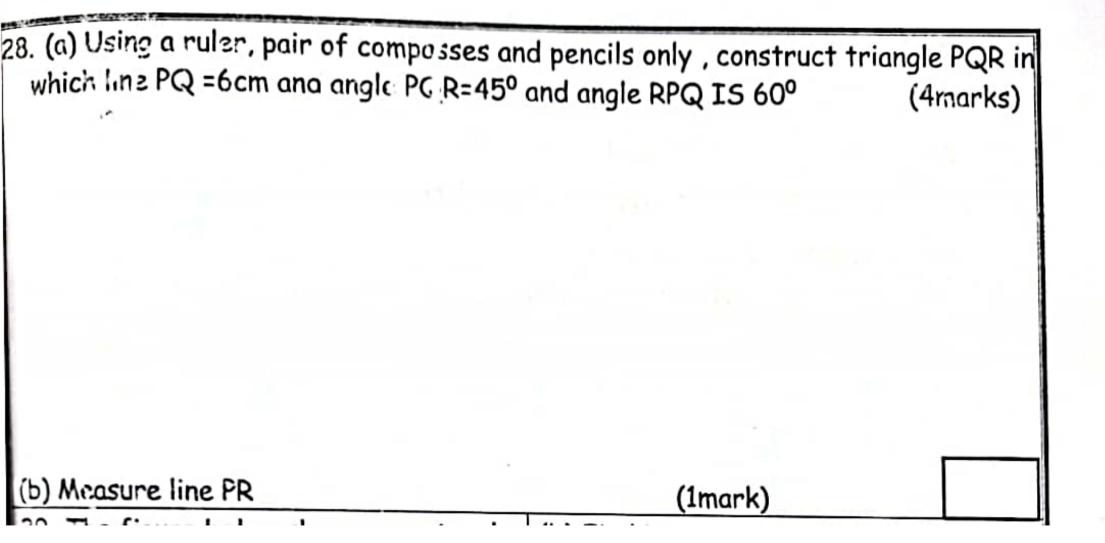
26. (a) using a ruler, a pair of compasses and a pencil only, construct a rhombus PQRS with diagonal PR = 10cm and diagonal QS = 8cm (4 marks)

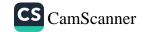
(b) Measure line PQ





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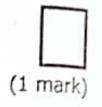




26. (a) using a ruler, a pair of compasses and a pencil only, construct a rhombus PQRS with diagonal PR = 10cm and diagonal QS = 8cm

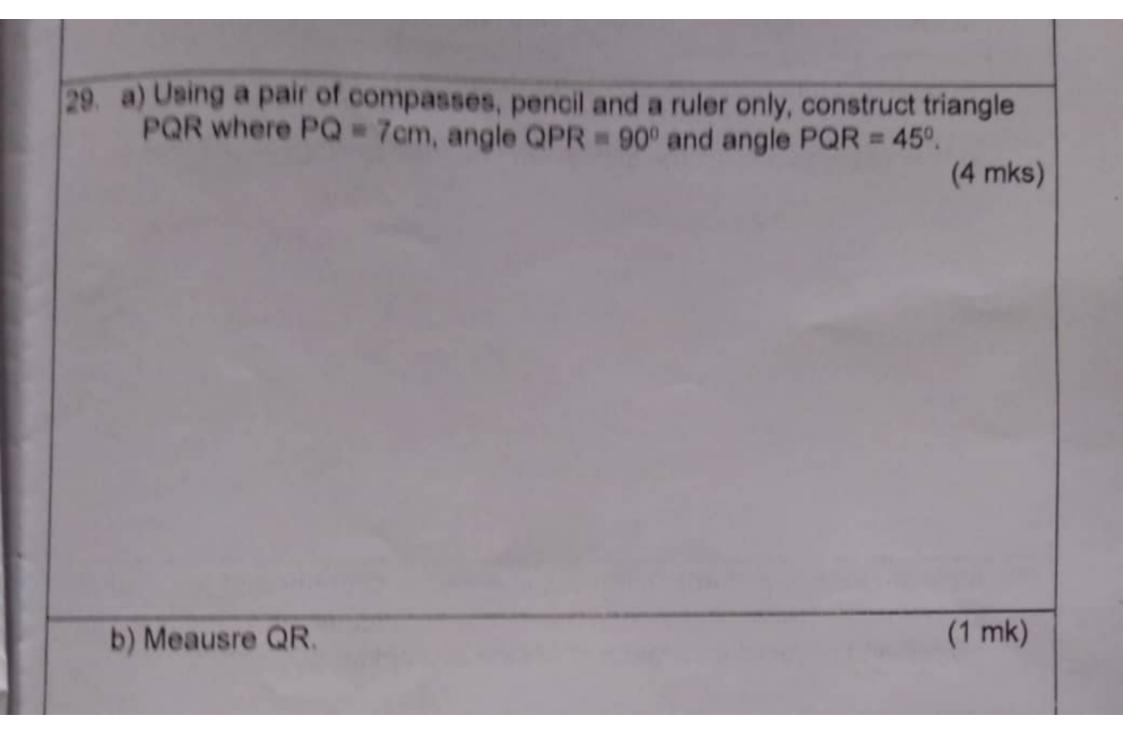
(b) Measure line PQ

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30. (a) Using a ruler, pencil and a pair of compasses only construct a square ABCD of sides AB = 4.5cm in the space below. (03 marks)

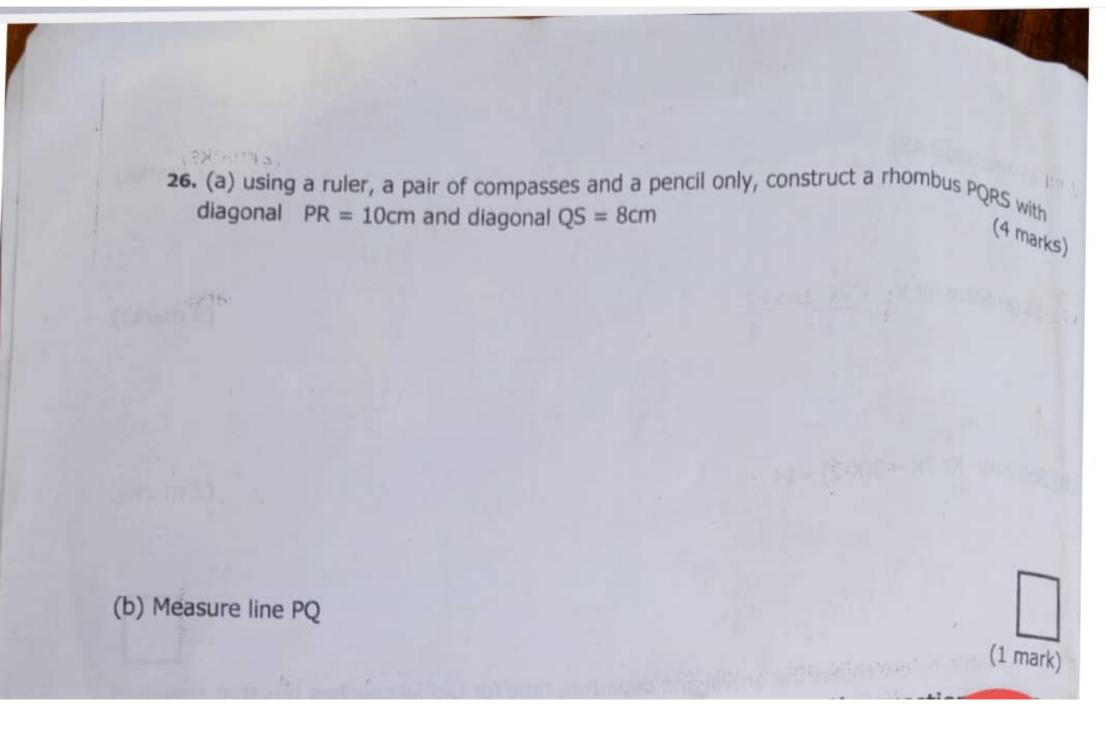
(b) (i) Join the diagonal \overrightarrow{AC} and measure \overrightarrow{AC} =

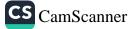
(01 mark)

(ii) Measure angle BAC =

(01 mark)







31. (a) Using a ruler, pencil and a pair of compasses construct a triangle ABC where AB = 5cm \(ABC = 60° \) and \(ZBAC = 75° \) (04 marks)

(b) Construct a perpendicular from C to meet AB at x.

(01 mark)

(c) Measure line CX.

(01 mark)



25. Using a ruler, a pencil and a pair of compasses only, construct a triangle TVS where angle TVS=45°, VS = 6cm and angle VST= 60°.

(a) Drop a perpendicular from point T to meet VS at K (4mks)

(b) Measure length TK (1mk)

(03Marks)

29.a)Using a pair of compasses, a ruler and a pencil only, construct a quadrilateral ABCD where AB=7cm, AD = 3cm, angle DAB = 90° and angle ABC = 45°.



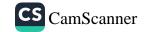
32. (a) Using a pair of compasses, a ruler and a pencil only construct a triangle ABC in which BC=7cm ,angle BCA=45° and angle ABC=60°,drop a perpendicular bisector from point A to meet line BC at E. (04 marks)

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The diagonals of parallelogram bisect each other. Using a ruler, pencil and a pair of compasses only, construct a parallelogram ABCD, given that AB = 7cm, AC = 10cm and BD = 8cm (5 marks) Measure BC.



29. (a) Using a pencil, a ruler and a pair of compasses only, construct a rectangle MNRS where MN = 6cm and line NR =4cm. (4marks)

(b) Measure the length of the diagonal NS.

(1 mark)



26. Using a ruler, a sharp pencil and a pair of compasses only, construct a quadrilateral ABCD where \overline{AB} is parallel to \overline{CD} = 7cm, \overline{BC} is parallel and perpendicular to \overline{AD} = 5CM.

(4marks)

b) Measure angle BAC.



25.a). Using a pencil, ruler and a pair of compasses only, construct triangle ABC in which BC = 4cm, angle ABC = 90° and angle BCA = 30° (5cm)

b). Measure the length of AC(1mk)



27	parall	Using elogran (4 mar	a ruler, n PQRS ks)	, a p	pencil	and line Q	a p	air o 7cm,	f cor and	npass line P	es o	nly, 5cm,	cons ang	truct le Q	a =
	(b)	Measu	re the d	iagor	al QS	•							(1 m	nark)	

Using a pair of compass and a ruler only, construct a triangle XYZ in which XY = 6.5cm, YXZ = 60°, XYZ = 45°. (04marks)

(b) Measure XYZ

(01mark)

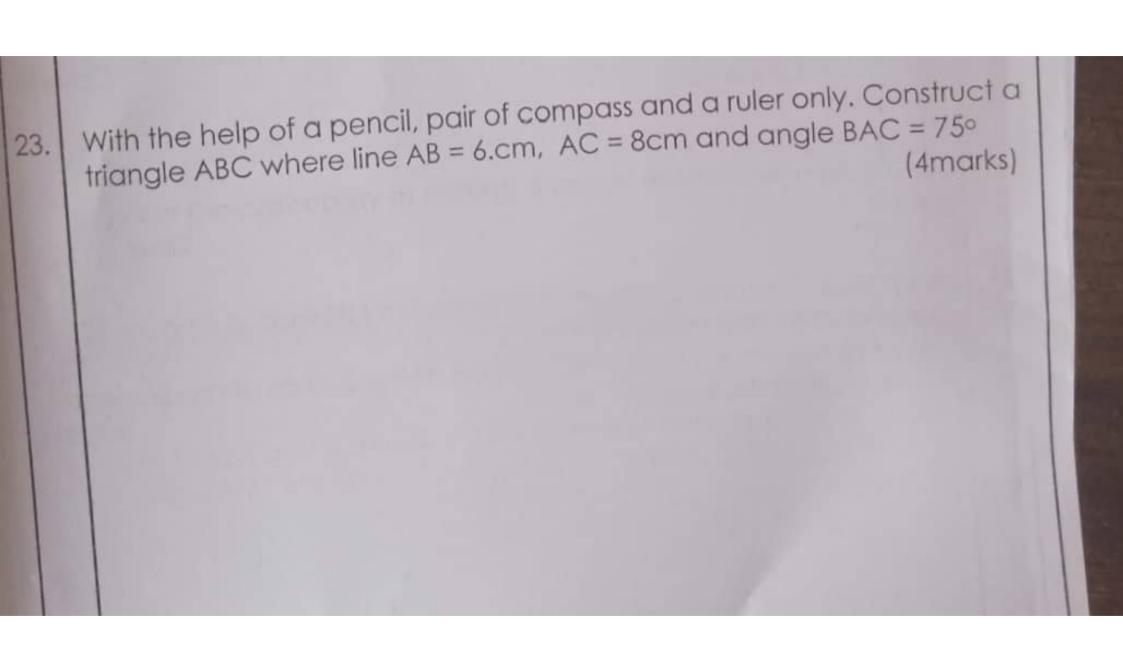


26.	. ,	Using a ruler, a pencil and a pair of compasses only, construct triangle ABC where line AB = 6cm, angle CAB = 60° , angle ABC = 120° . Drop a perpendicular from B to meet length AC at point O . (05 Marks)
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(b) Measure the length AC.cm

(01 Mark)







27 (a) Using a pair of compasses, a ruler and a pencil only, construct a triangle XYZ where line XY = 7cm YZ = ZX = 6cm.



(b) Drop a perpendicular from Z to meet line XY at P



23. (a) Using a ruler and a pair of compasses, construct a triangle ABC where AB = 6 cm, angle $ABC = 120^{\circ}$ and angle $BAC = 30^{\circ}$. (04 marks)

(b) Measure line AC = ____ cm

(01 mark)



29. a) Using a pair of compasses, a ruler and a pencil only, construct a quadrilateral ABCD where AB = 3.6cm, BC = 5.1CM, CD = 4.8cm and AD = 3CM.

b) Measure diagonal AC.



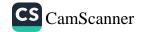
26	Using a)	Using a pair of compasses a ruler and a pencil only. (4marks) a) Construct a triangle LMN where LM=6cm, angle LMN =60° and LNLM = 45°.						
1	1							
	١.	•						
-		•						
	, b)	Drop a perpendicular from N to meet LM at Z hence measure NZ. (2marks)						
1		· · · · · · · · · · · · · · · · · · ·						

26. (a) Using a ruler, a pair of compasses and a pencil only construct a triangle RST such that RS = 7cm, angle SRT = 120° and RST = 30°. Construct a perpendicular line from T to meet RS at point M (04 marks)

10

Turn Over

(b) Measure the length of MTcm (01 mark)



26. (a) Using a ruler, a pair of compasses and a pencil only construct a triangle RST such that RS = 7cm, angle SRT = 120° and RST = 30°. Construct a perpendicular line from T to meet RS at point M (04 marks)

10

Turn Over

(b) Measure the length of MTcm

(01 mark)



27. a) Using a ruler, a pencil and a pair of compasses only, construct a quadrilateral WXYZ where line segment WX = 7.5cm, angle XWZ = WZY = 90°, line WZ = 4cm and angle WXY = 60°.

b) Measure the length XY _____ cm

(1mrk)

30. Using a pair of compasses and ruler construct a triangle ABC in which line, AB=6cm, angle CAB = 30° and angle ABC=120°,

Drop a perpendicular from C to meet AB at point T. (05 Marks)

(b). Measure line CT

(01 Marks)



25. Using a ruler, a pencil and a pair of compasses only, construct a triangle ABC in which AB = 7cm and angle BAC = 120° and angle CBA = 30°.

(4 mks)

b) Measure line BC.

(1 mk)



32)	Using a ruler, a pencil and pair of comp in which line $PQ = 6$ cm, angle $PQR = 6$	
b)	Drop a perpendicular line from c) point R to meet line PQ at n	Calculate the area of triangle PQR

26. (a) Using a ruler and a pair of compasses, construct a triangle PQR where PQ = 7cm, angle PQR = 60° and angle QPR = 45°. Drop a perpendicular line from R to meet PQ at point O.

(b) Measure the length RO.



29.	Using a pair of compasses, a ruler and α ABC where AB = 6cm, $\langle BAC = 60^{\circ}$ and	a sharp pencil only. Construct a triangle < ACB = 45°. (4mks)
	(b) Measure AC	(1mk)

26. (a) Using a ruler, a pencil and a pair of compasses only, construct triangle **ABC** where line **AB** = 6cm, angle **CAB**=60°, angle **ABC** = 120°. Drop a perpendicular from **B** to meet length **AC** at point **O**. (05 Marks)

31 Using a pair of compasses, a ruler and a pencil only, construct a parallelogram HEAR in which line segment EA= 6.5cm, angle HEA = 600 and line segment (4 marks) AR = 4cm.

 a). Using a pair of compasses, a pencil and a ruler only. Construct a quadrilateral ABCD such that AB = BC = 4.5cm and angle ABC = 135°. (4 marks)

(b) Measure diagonal AC.

(1 mark)



27. a) Using a ruler, a pencil and a pair of compasses only, construct a parallelogram ABCD such that BC = 6cm, BCD = 120° and diagonal BD = 9cm. (05 marks)

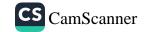
b) Measure line AB in cm.

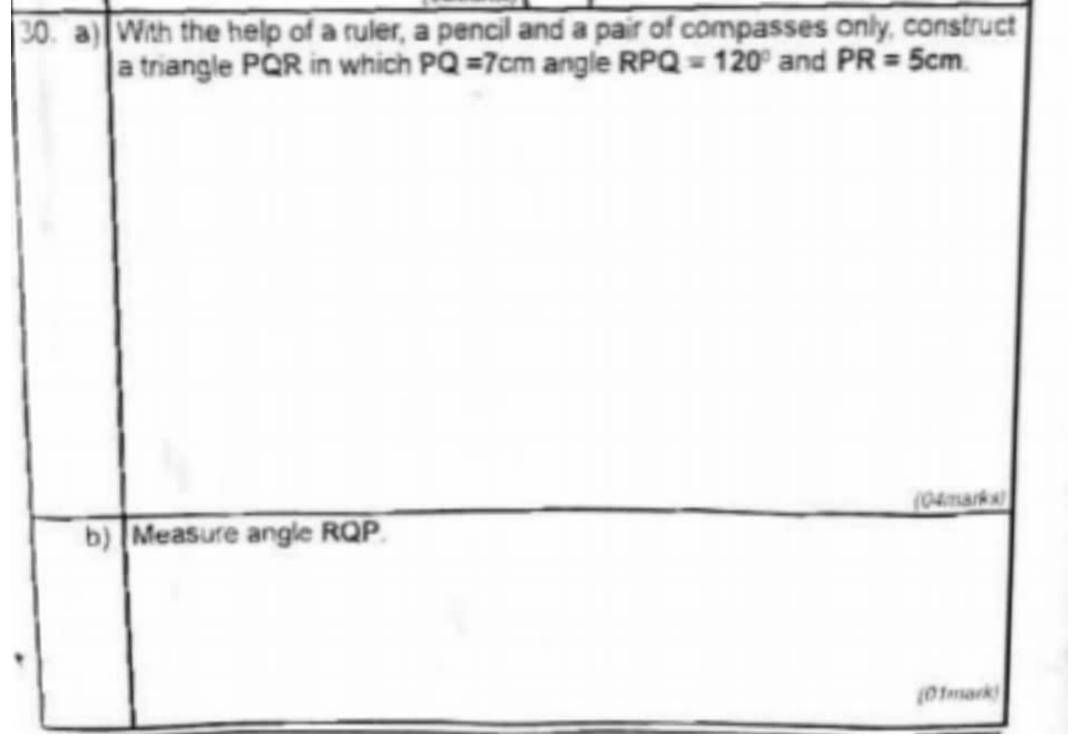
(01 marks)



Using a ruler, a pencil and a pair of compasses construct a regular Hexagon in a circle of radius 3.5cm.

(4mrks)





29. a) Using a pair of compasses, a ruler and a pencil only, construct a quadrilateral ABCD where AB = 3.6cm, BC = 5.1CM, CD = 4.8cm and AD = 3CM.

b) Measure diagonal AC.

(a) Using a ruler, a pencil and a pair of compasses only, construct a parallelogram DANE such that $\overline{DA} = 6 \text{cm}$, $\overline{AN} = 5 \text{cm}$ and angle $\overline{DAN} = 120^{\circ}$. parameter DA = 0cm, AN = 5cm and angle DA = 1. Drop a perpendicular line from point E to meet line DA at point X. (05marks) (b) Measure the length EX. (01mark)