FOCUS A365

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GATITU SECONDARY SCHOOL

AMBUSH 2 EXAMS MATHS | 2017 | FORM 2 | TERM 1 (32 MARKS)

INSTRUCTIONS

Answer all questions provided below

1. On squared or graph paper, plot the following points, taking one square to represent a unit on both axes. A (-1.5,-0.5), B (0.5,-2.5) and C (4, 1.5)
   Given that ABCD is a parallelogram, find the possible coordinates of D.   (5 mks)
2. Solve graphically the following pairs of simultaneous equations: (5 mks)
   $y + 2x = 6$
   $x - y = 3$

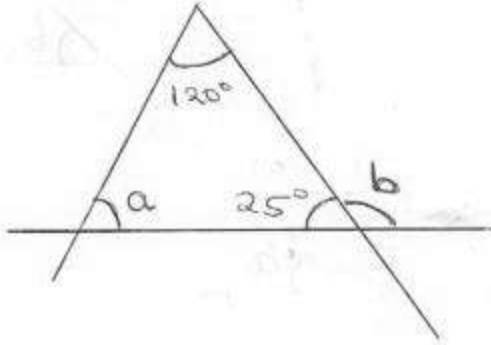3. Find angles marked by letters in the figures below:
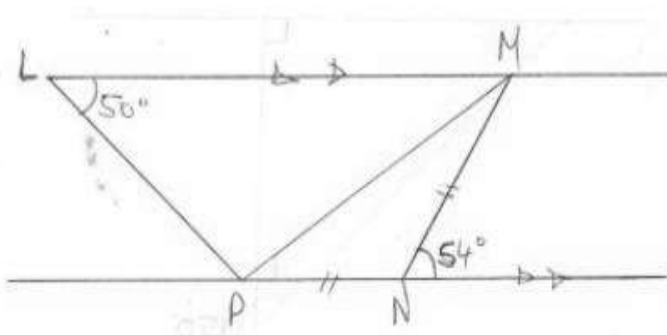

Figure 1 find ∠ a and ∠ b   (2 mks)

Figure 2 find ∠LPM   (2 mks)
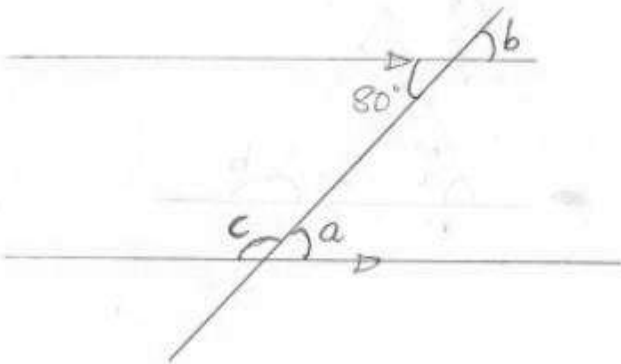

Figure 3 find ∠a, ∠b and ∠c   (3 mks)
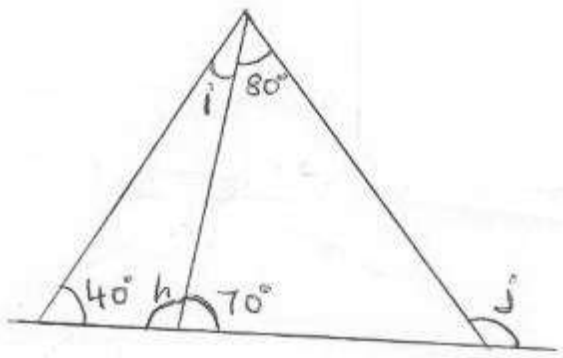
Figure 4: find ∠i, ∠j and ∠h   *(3 mks)*
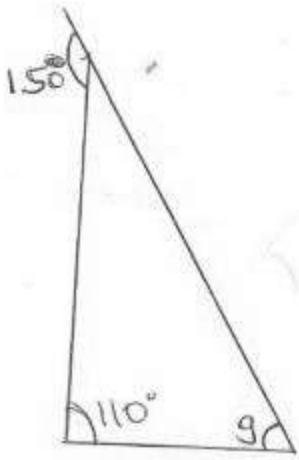
Figure 5: find ∠g   *(2 mks)*

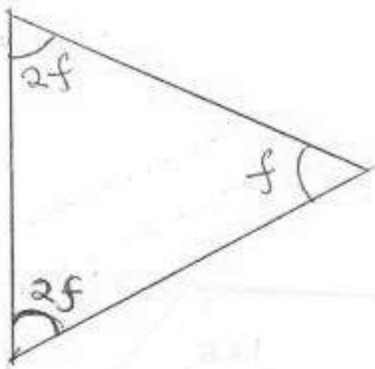*Figure 6: find f*   *(2 mks)*

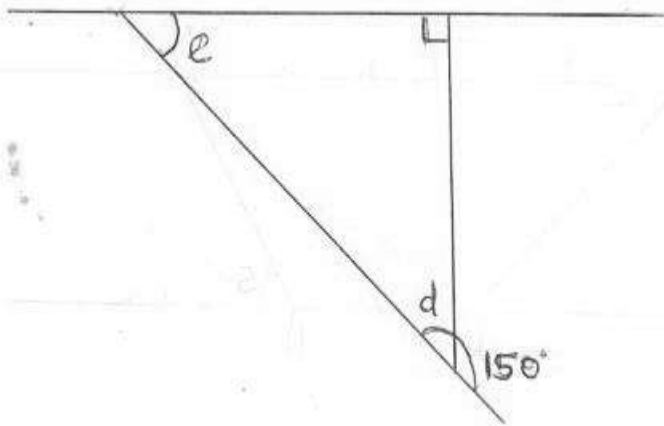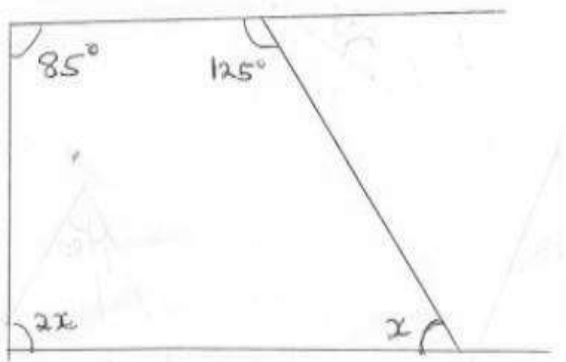*Figure 7: find ∠e and ∠d* (2 mks)

Figure 8: find x (2 mks)

4. By the use of a drawing, discuss each of the following angles: (4 mks)
   a. Obtuse angle

   b. Reflex angle

   c. Co-Interior angle

   d. Acute angle

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