FORM 1
CHAPTER 8

Summative Practice

Section A

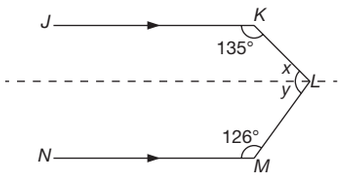
1 Reflex angle: $180° < x < 360°$
Answer: **C**

2 $2y + 3y = 180°$
$5y = 180°$
$y = 36°$
Answer: **A**

3 $86° + 90° + 54° + x + x = 360°$
$230° + 2x = 360°$
$2x = 130°$
$x = 65°$
Answer: **C**

4 $h + 82° = 180°$
$h = 98°$
Answer: **B**

5



$x = 180° - 135°$
$= 45°$
$y = 180° - 126°$
$= 54°$
$k = x + y$
$= 45° + 54°$
$= 99°$
Answer: **A**

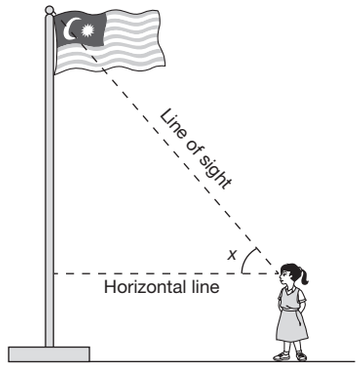
6 $2x + 10° = x + 28°$
$2x - x = 28° - 10°$
$x = 18°$
Answer: **D**

Section B

1 (a) ✓ (Vertically opposite angles)
(b) ✗
(c) ✗
(d) ✓ (Supplementary angles)

Section C

1 (a)



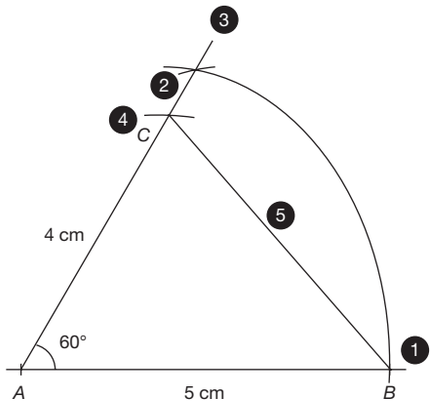
(b) $p + 57° = 180°$
$p = 123°$

$\angle TWY = 57°$

$\angle TWY + 65° + q = 180°$
$57° + 65° + q = 180°$
$q = 58°$

$p - q = 123° - 58°$
$= 65°$

(c)



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