CALCULATING BEARINGS
COASTGUARD (C), LIGHTHOUSE (L) AND A SHIP (S)

Ref: G443. **2E2**
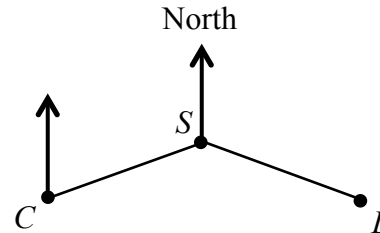
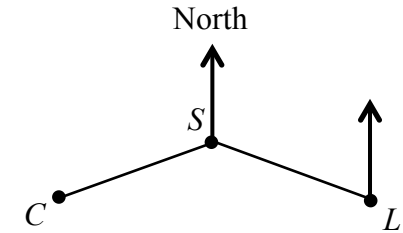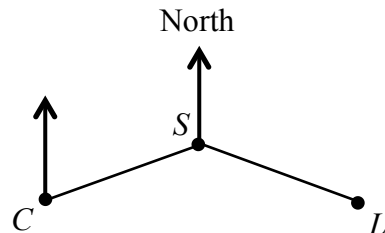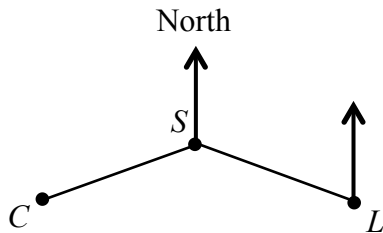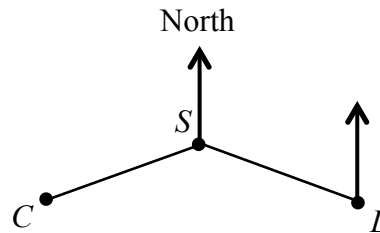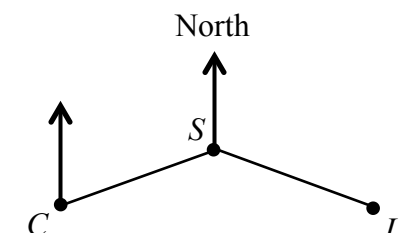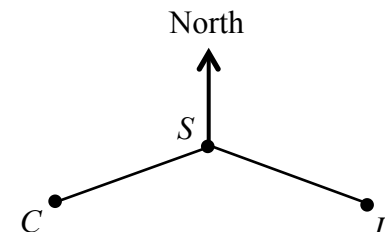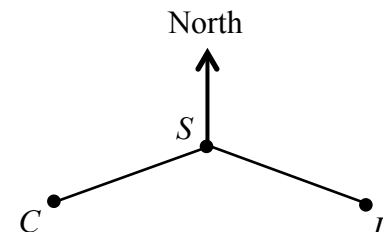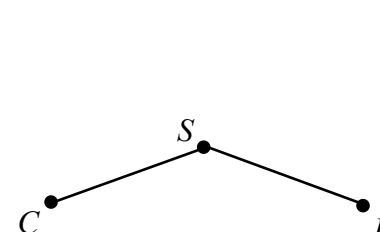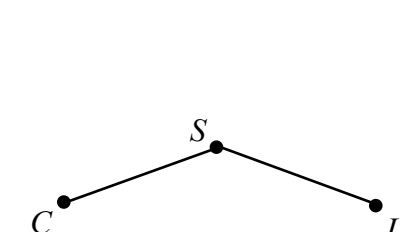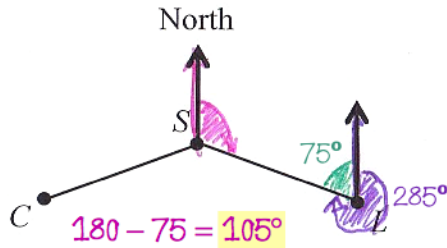|			
A1 The bearing of S from L is 285º. Find the bearing of L from S	**A2** The bearing of S from C is 76º. Find the bearing of C from S	**A3** The bearing of L from S is 118º. Find the bearing of S from L	**A4** The bearing of C from S is 252º. Find the bearing of S from C
B1 The bearing of S from C is 68º. Find the bearing of C from S	**B2** The bearing of L from S is 106º. Find the bearing of S from L	**B3** The bearing of S from L is 289º. Find the bearing of L from S	**B4** The bearing of C from S is 258º. Find the bearing of S from C
C1 The bearing of S from L is 294º. Find the bearing of L from S	**C2** The bearing of C from S is 248º. Find the bearing of S from C	**C3** The bearing of S from L is 289º. Find the bearing of L from S	**C4** The bearing of C from S is 241º. Find the bearing of S from C

CALCULATING BEARINGS
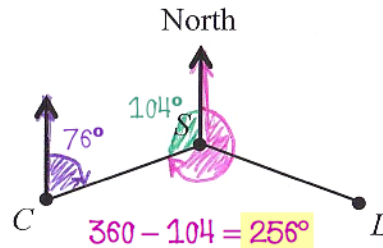## COASTGUARD (C), LIGHTHOUSE (L) AND A SHIP (S)

Co-interior adds add to 180°
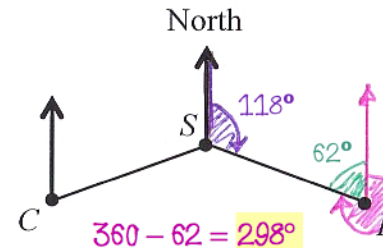Angle around a point add to 360°

Ref: G443. **2E2**

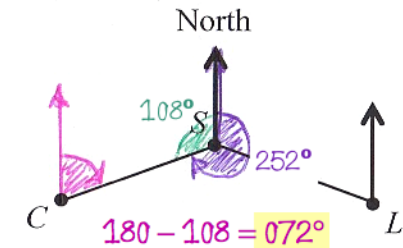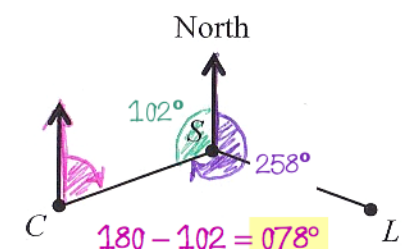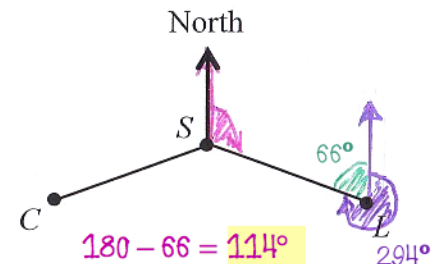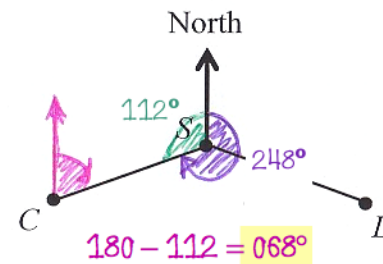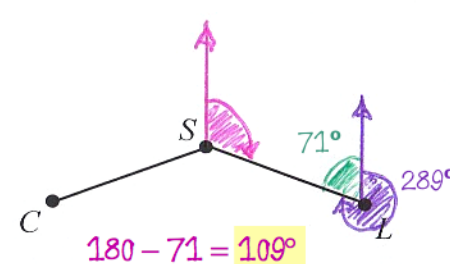**A1** The bearing of S from L is 285°. Find the bearing of L from S

North

S

75°

C $180 - 75 = 105°$ $285°$ L
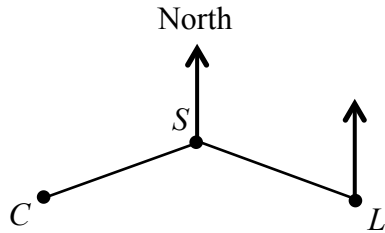
A2 The bearing of S from C is 76°. Find the bearing of C from S

North

104° S

76°

C $360 - 104 = 256°$ L
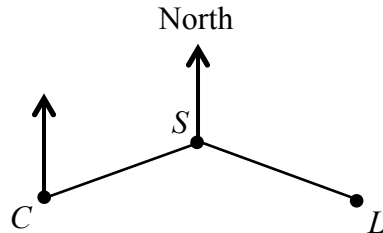
A3 The bearing of L from S is 118°. Find the bearing of S from L

North

118° S

62°

C $360 - 62 = 298°$ L

A4 The bearing of C from S is 252°. Find the bearing of S from C

North

108° S 252°

C $180 - 108 = 072°$ L

B1 The bearing of S from C is 68°. Find the bearing of C from S

North

112° S

68°

C $360 - 112 = 248°$ L

B2 The bearing of L from S is 106°. Find the bearing of S from L

North

S 106°

74°

C $360 - 74 = 286°$ L

B3 The bearing of S from L is 289°. Find the bearing of L from S

North

S

71°

C $180 - 71 = 109°$ 289° L

B4 The bearing of C from S is 258°. Find the bearing of S from C

North

102° S 258°

C $180 - 102 = 078°$ L

C1 The bearing of S from L is 294°. Find the bearing of L from S

North

S

66°

C $180 - 66 = 114°$ 294° L

C2 The bearing of C from S is 248°. Find the bearing of S from C

North

112° S 248°

C $180 - 112 = 068°$ L

C3 The bearing of S from L is 289°. Find the bearing of L from S

North

S 71°

289°

C $180 - 71 = 109°$ L

C4 The bearing of C from S is 241°. Find the bearing of S from C

North

119° S 241°

C $180 - 119 = 061°$ L

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