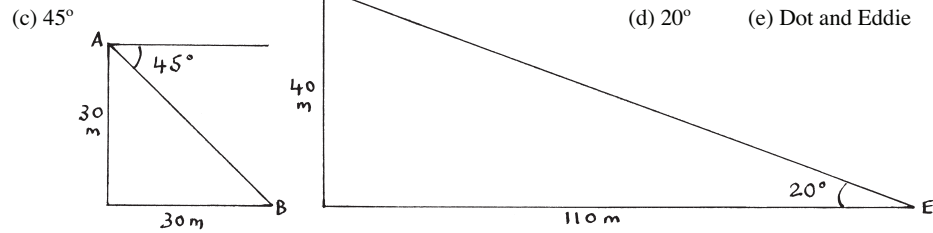
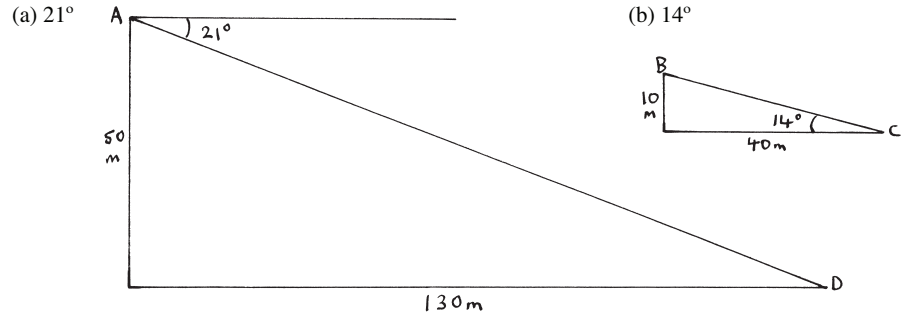
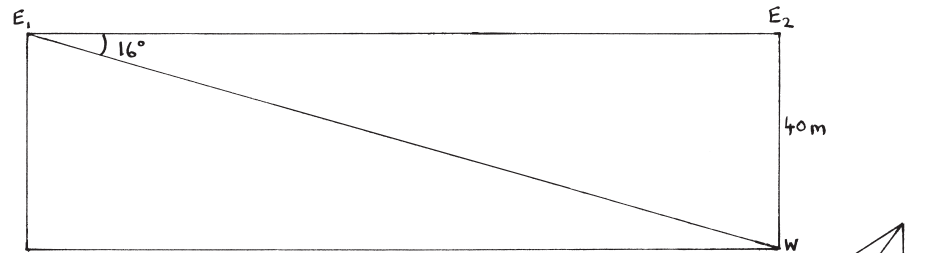


71. Scale 1 cm to 10 m (1:1 000)



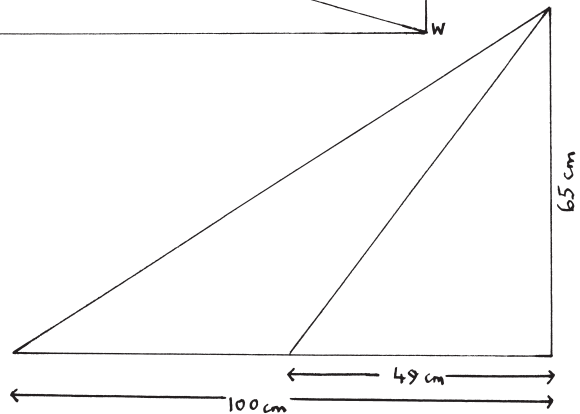
72. Scale 1 cm to 10 m (1:1 000)



*Emerald II* must sail 140 m.

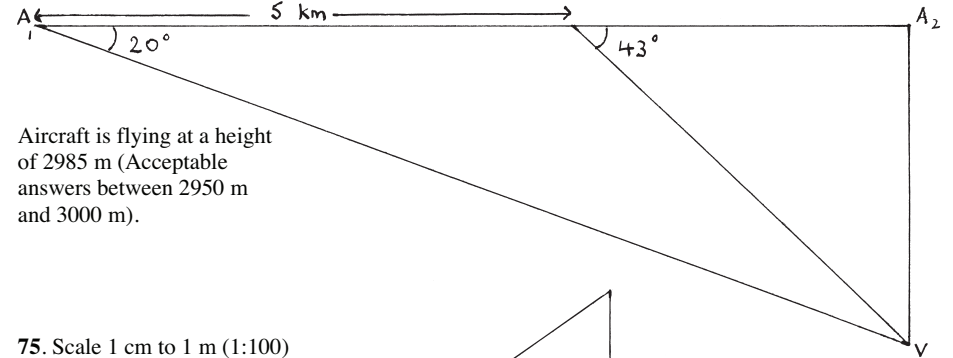
73. Scale 1:10

- (a)  $53^\circ$   
(b)  $33^\circ$



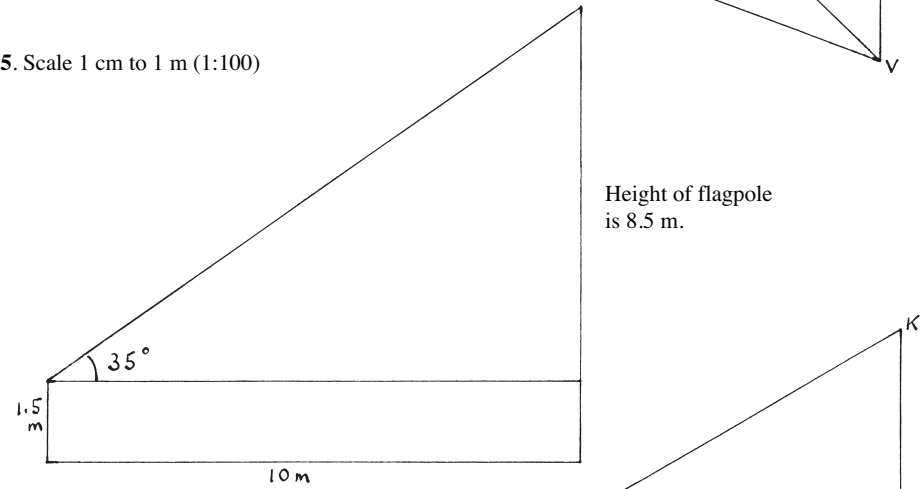
21

74. Scale 2 cm to 1 km (1:50 000)



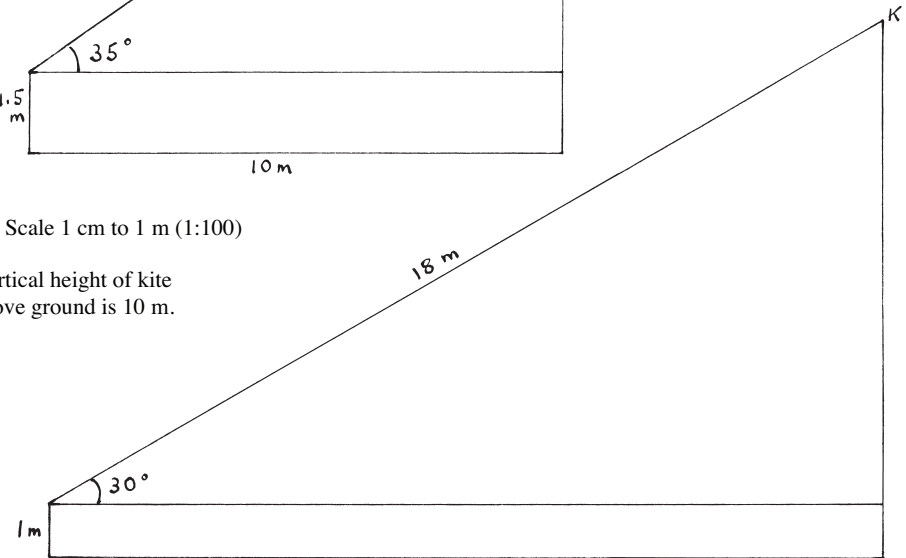
Aircraft is flying at a height of 2985 m (Acceptable answers between 2950 m and 3000 m).

75. Scale 1 cm to 1 m (1:100)



76. Scale 1 cm to 1 m (1:100)

Vertical height of kite above ground is 10 m.

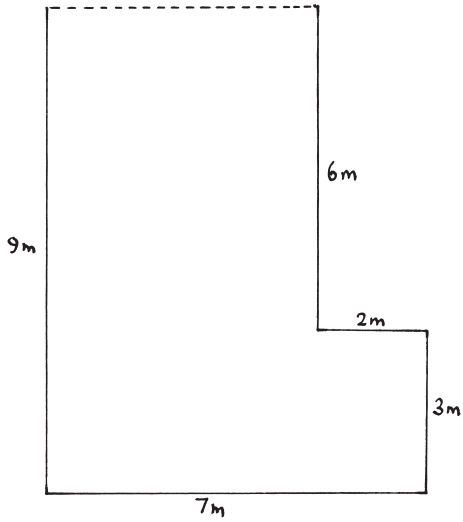


77. (a) E (b) SW (c) NW (d) N (e) SE

78. (a)  $45^\circ$  (b)  $90^\circ$  (c)  $135^\circ$  (d)  $45^\circ$  (e)  $180^\circ$

22

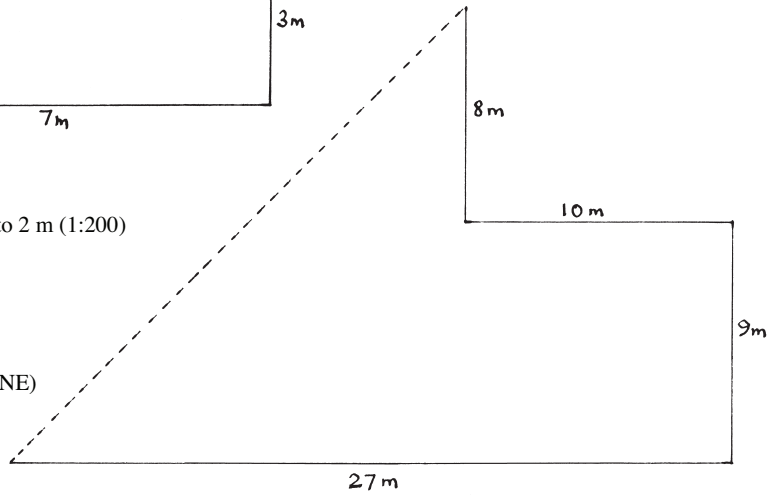
79. Scale 1 cm to 1 m (1:100)



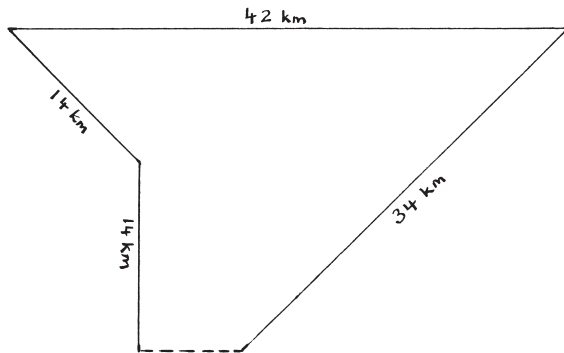
- (a) 5 m
- (b) East

80. Scale 1 cm to 2 m (1:200)

- (a) 24 m
- (b) North East (NE)

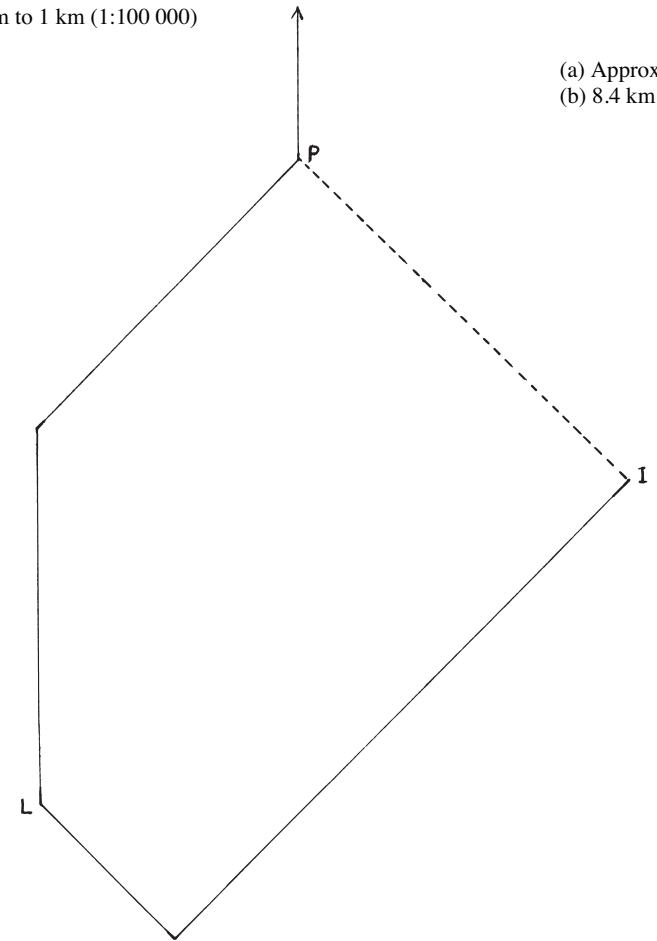


81. 1 cm to 4 m (1:400 000)



- (a) 8 km
- (b) West

82. Scale 1 cm to 1 km (1:100 000)



- (a) Approximately SE
- (b) 8.4 km or 8.5 km

83. (a) 45° (b) 90° (c) 135° (d) 90° (e) 135°

84. (a) 270° (b) 020° (c) 294° (d) 001° (e) 146° (f) 317° (g) 085° (h) 238° (i) 172° (j) 039°

85. (a) 225° (b) 000° (c) 135° (d) 315° (e) 180°

86. (a) 130° (b) 068° (c) 232° (d) 337° (e) 084° (f) 011° (g) 116° (h) 299° or 300° (i) 215° (j) 180°

87. (a) 50 mm (b) 68 mm (c) 100 mm (d) 065° (e) 245° (f) 038° (g) 218° (h) 000° (i) 180°

88. (a) 045° (b) 225° (c) 331° (d) 151° (e) 283° (f) 104° (g) 7.8 cm (h) 8.9 cm (i) 15.6 m (j) 20.0 m