

Page 85 Compass directions

- 1 Practical work
- 2 (a) E (b) W (c) W (d) E (e) W (f) N (g) W (h) W

3 Practical work

Angle	Right angles	Degrees	Rotation
A	1	90°	clockwise
B	1	90°	anti-clockwise
C	2	180°	anti-clockwise
D	4	360°	clockwise
E	3	270°	anti-clockwise
F	2	180°	clockwise
G	1	90°	anti-clockwise

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Page 87 Measuring angles in degrees

- 1, 2 Angle A obtuse 110°
 B acute 80°
 C acute 20°
 D obtuse 120°
 E acute 60°
 F right 90°
 G obtuse 100°
 H obtuse 150°
 I reflex 300°
 J reflex 220°
 K obtuse 160°
 L acute 30°
- 3 The angles should be in the order
 C, L, E, B, F, G, A, D, H, K, J, I

Page 88 Spaceship Denon

- 1 (a) Nova 9 (b) Time capsule 528 (c) Meldar
 (d) X5 (e) Zero (f) Antax
- 2 (a) 90° Starboard (b) 40° to Port (c) 150° to Starboard
- 3 (a) Turn 40° to Starboard. Slow ahead.
 (b) Turn 110° to Port. Full ahead.
 (c) Turn 150° to Port. Full ahead. Reduce speed when you sight B5.
 (d) Turn 170° to Port. Full ahead maximum warp speed.