

## Workout

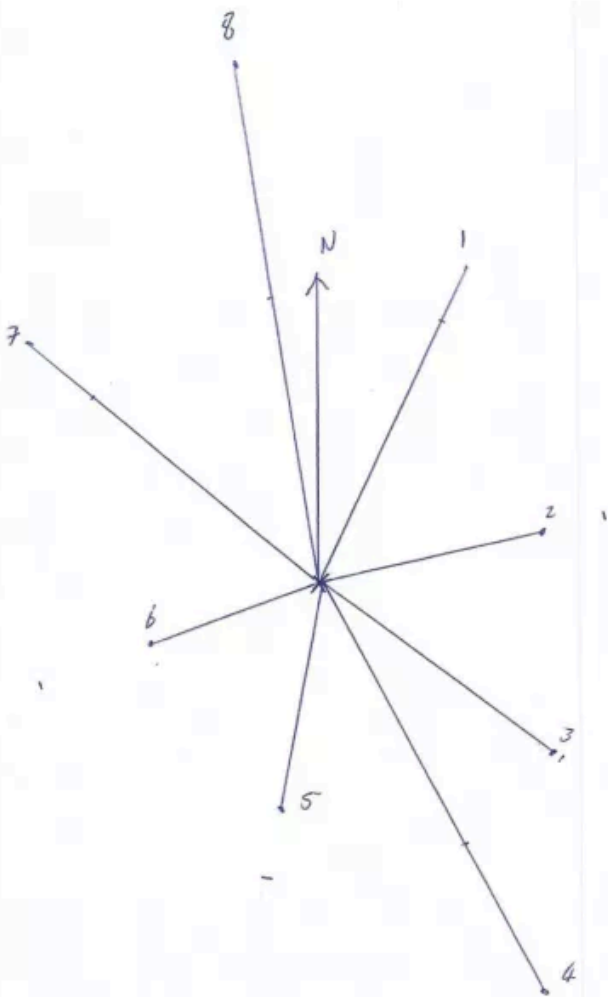
Question 1:

- (a)  $073^\circ$                       (b)  $130^\circ$   
(c)  $054^\circ$                       (d)  $292^\circ$   
(e)  $224^\circ$                       (f)  $097^\circ$

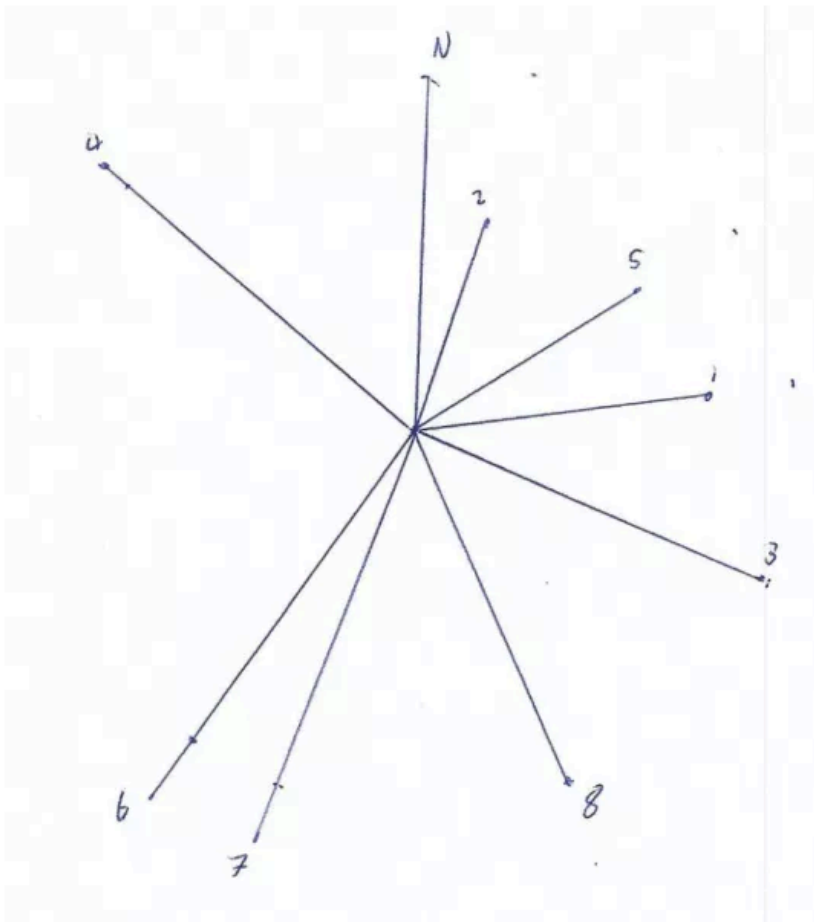
Question 2:

- (a)  $046^\circ$                       (b)  $076^\circ$   
(c)  $115^\circ$                       (d)  $242^\circ$   
(e)  $320^\circ$                       (f)  $265^\circ$

Question 3:



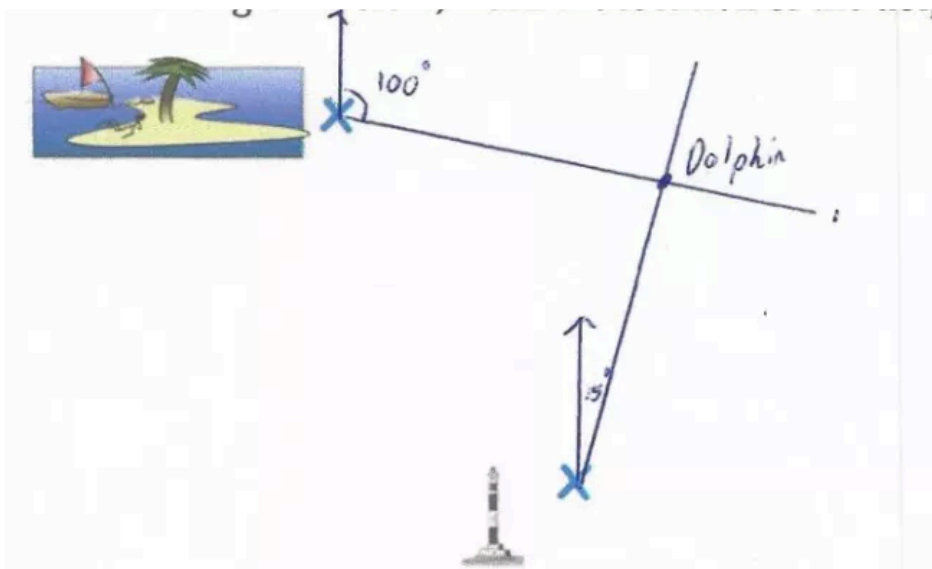
Question 4:



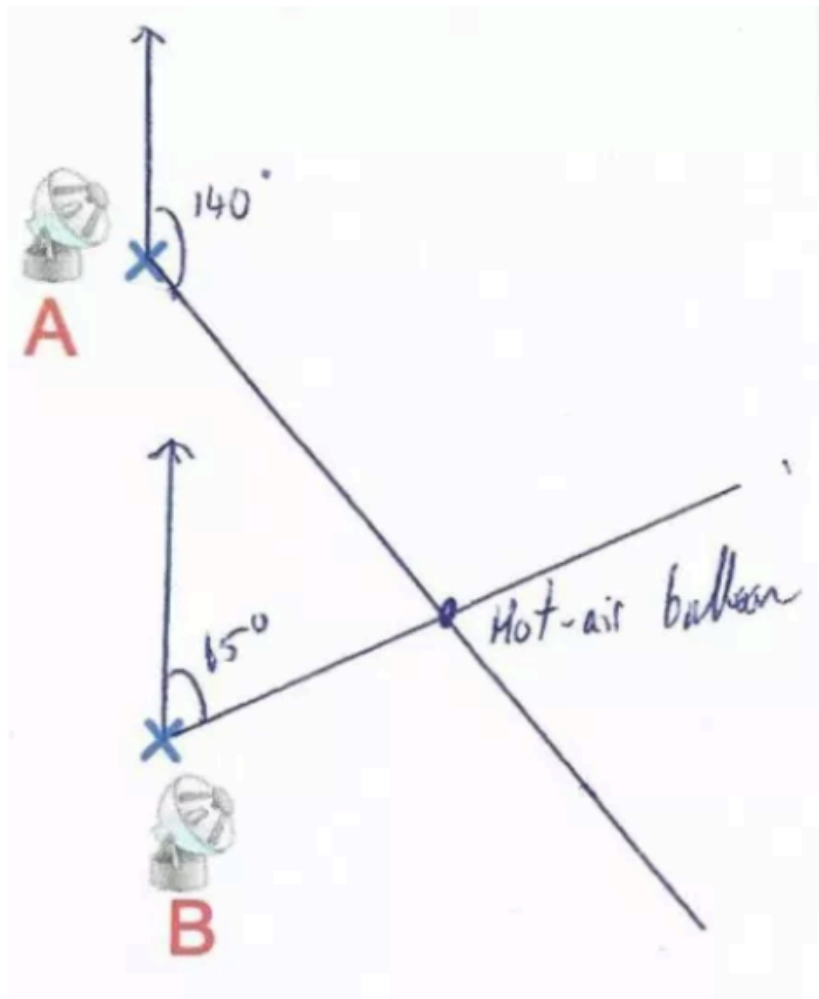
Question 5:

- (a)  $000^\circ$
- (b)  $135^\circ$
- (c)  $270^\circ$
- (d)  $045^\circ$
- (e)  $090^\circ$
- (f)  $225^\circ$
- (g)  $180^\circ$
- (h)  $315^\circ$

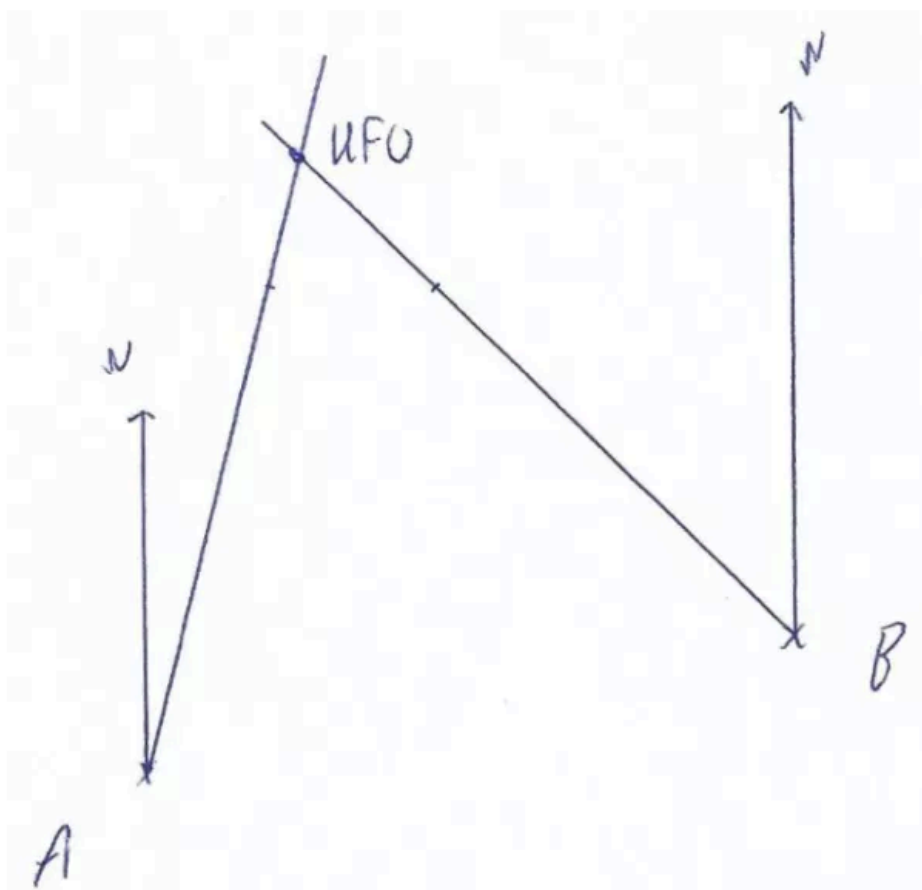
Question 6:



Question 7:



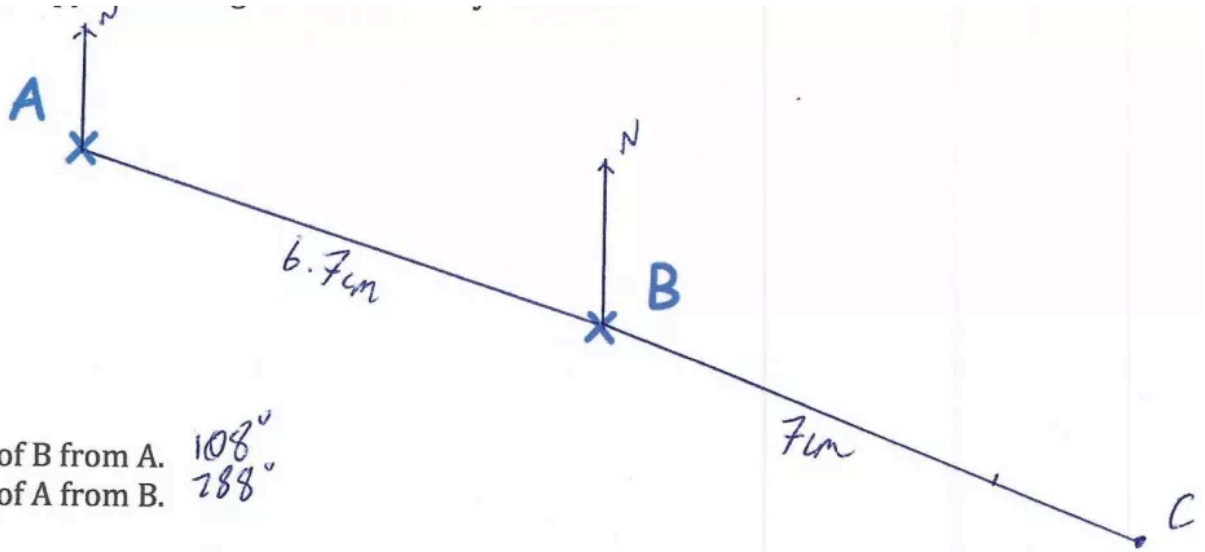
Question 8:



Question 9:

- (a)  $205^\circ$
- (b)  $241^\circ$
- (c)  $278^\circ$
- (d)  $282^\circ$
- (e)  $013^\circ$
- (f)  $042^\circ$
- (g)  $135^\circ$

Question 10:



- (a) Find the bearing of B from A.  $108^\circ$
- (b) Find the bearing of A from B.  $288^\circ$

Use the scale 1cm represents 20miles.

- (c) From your diagram, work out the real distance between A and B.

$$6.7 \times 20 = 134 \text{ miles}$$

C is 140 miles from B on a bearing of  $110^\circ$ .  $7cm$

- (d) On your diagram, mark C with a cross.