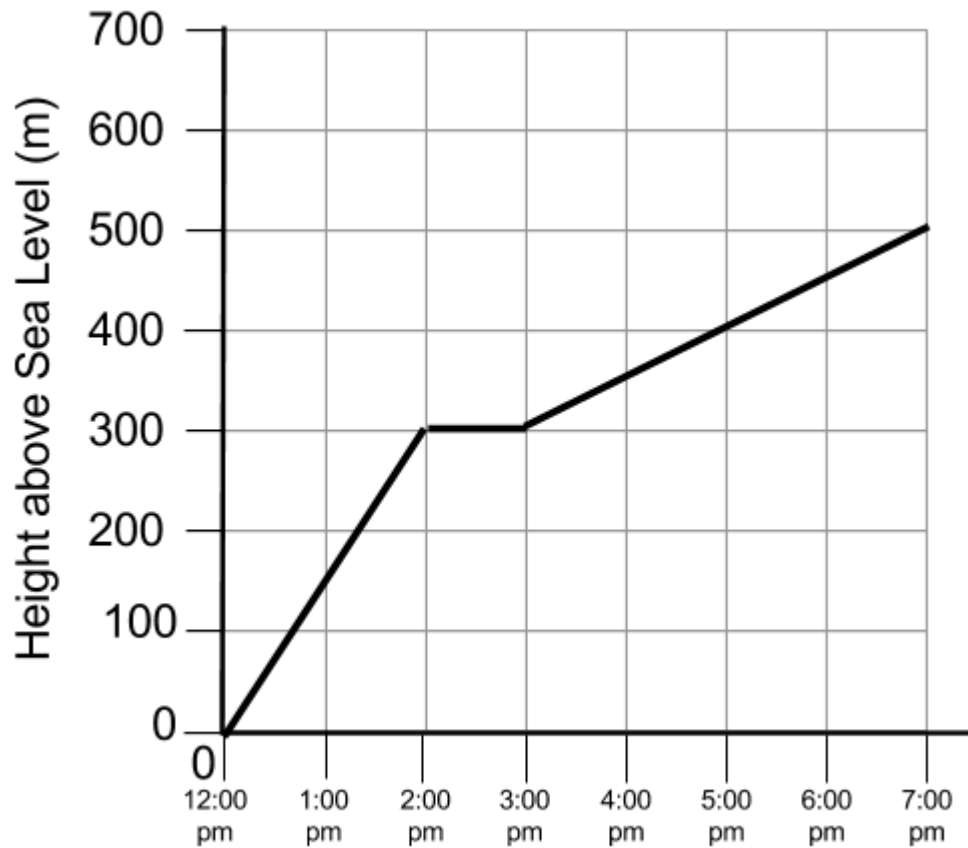


**Q4 (Line Graph) Day 51 Name:** \_\_\_\_\_

1. A walker climbs up to the top of a mountain. The graph below shows the walker's height above sea level at certain times of the day.



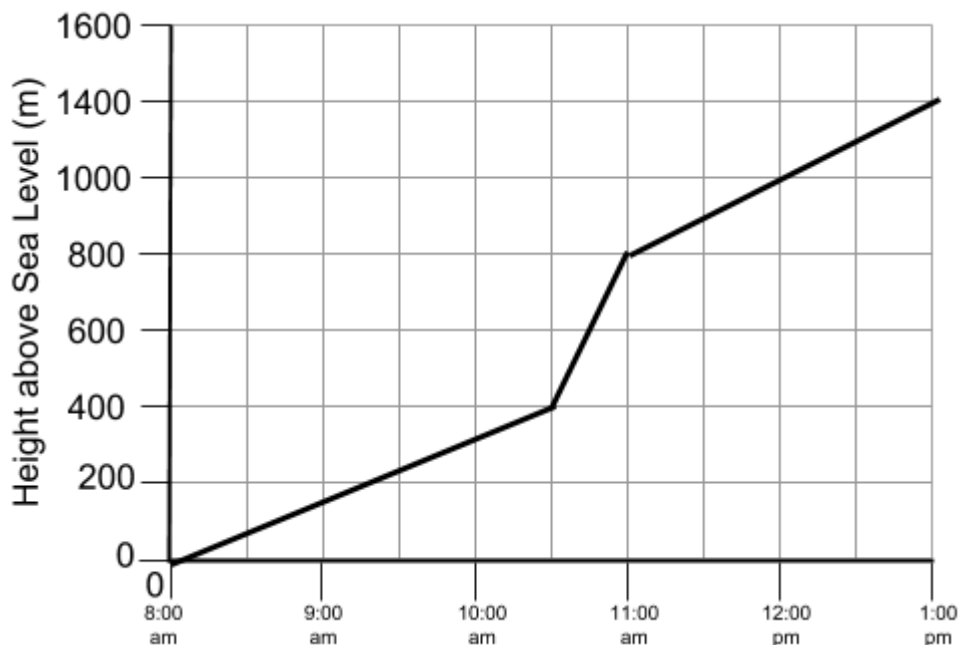
a) How **high** has the walker climbed at **16:00**? Write your answer in the space below.

\_\_\_\_\_ m

b) Look again at the line graph. What time did the walker reach **400** meters above sea level? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

2. An explorer climbs up to the top of a mountain. The graph below shows the explorer's height above sea level at certain times of the day.



a) How **high** has the explorer climbed at **12:00**? Write your answer in the space below.

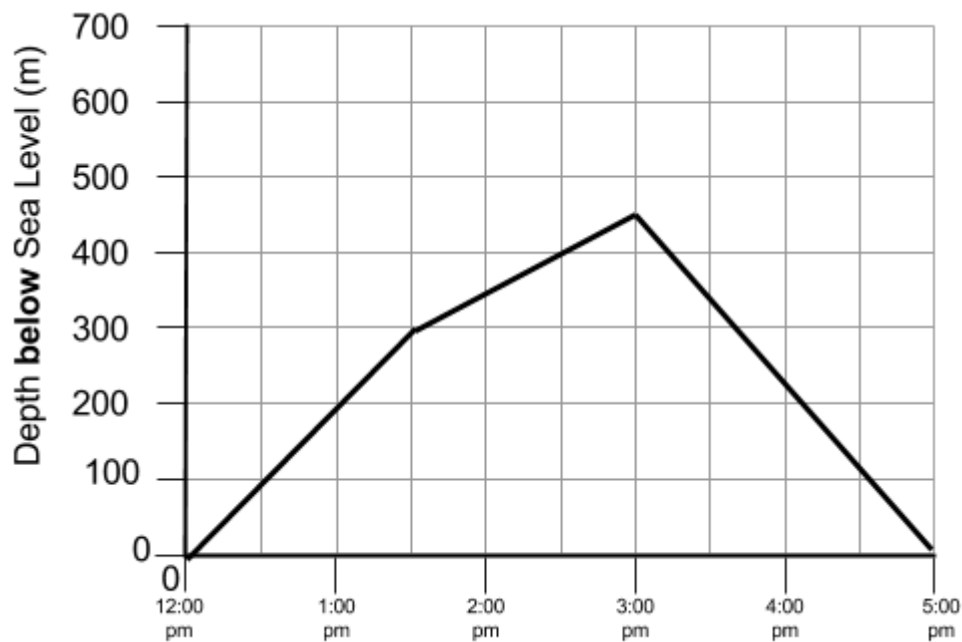
\_\_\_\_\_ m

b) Look again at the line graph. What time did the explorer reach **900** meters above sea level? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

3. A submarine is diving in the sea. The graph below shows the submarines height below sea level at certain times of the day.



a) How **deep** has the submarine submerged at **15:00**? Write your answer in the space below.

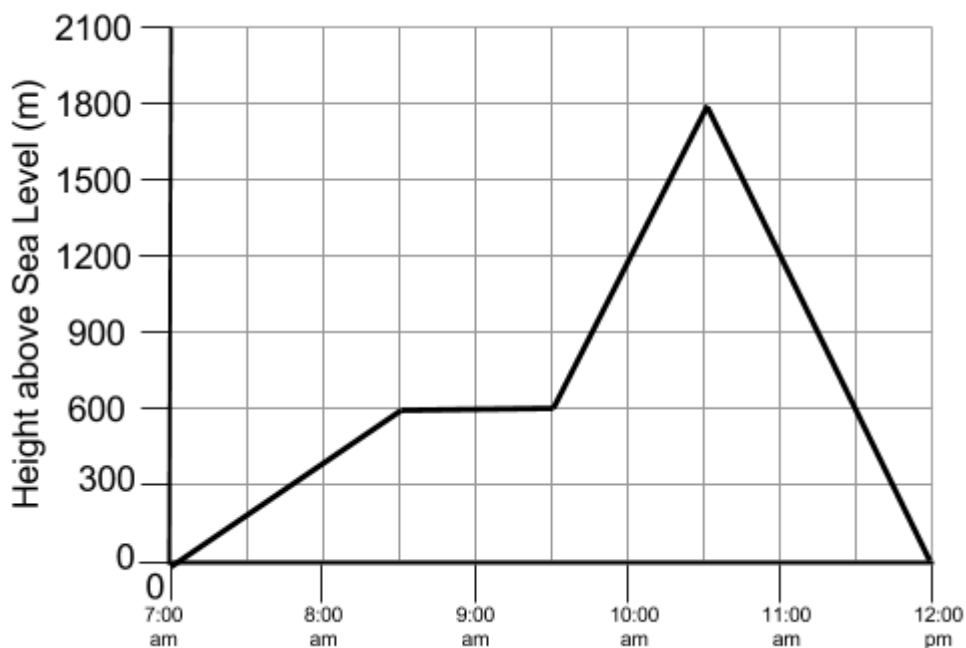
\_\_\_\_\_ m

b) Look again at the line graph. What **two** times did the submarine reach **400** meters below sea level? Write your answers in the space below in **24-hour clock**.

\_\_\_\_\_ and \_\_\_\_\_

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4. A helicopter is ascending. The graph below shows the helicopters height above sea level at certain times of the day.



a) How **high** has the helicopter climbed at **10:00**? Write your answer in the space below.

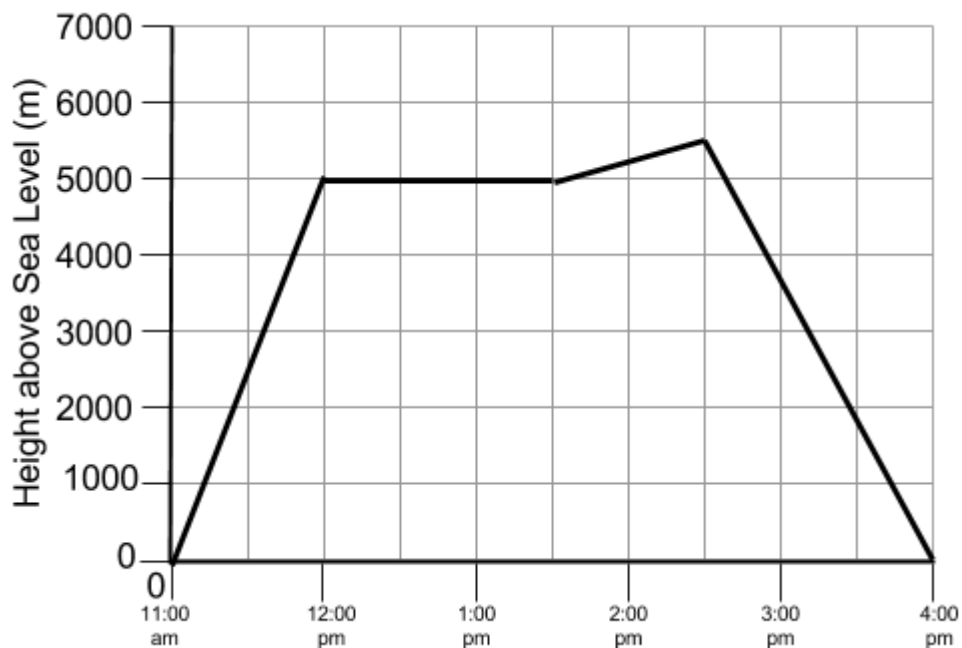
\_\_\_\_\_ m

b) Look again at the line graph. What time did the helicopter reach **1800** meters above sea level? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

5. An aeroplane is travelling to across the Irish Sea. The graph below shows the aeroplane's height above sea level at certain times of the day.



a) How **high** has the aeroplane climbed at **14:30**? Write your answer in the space below.

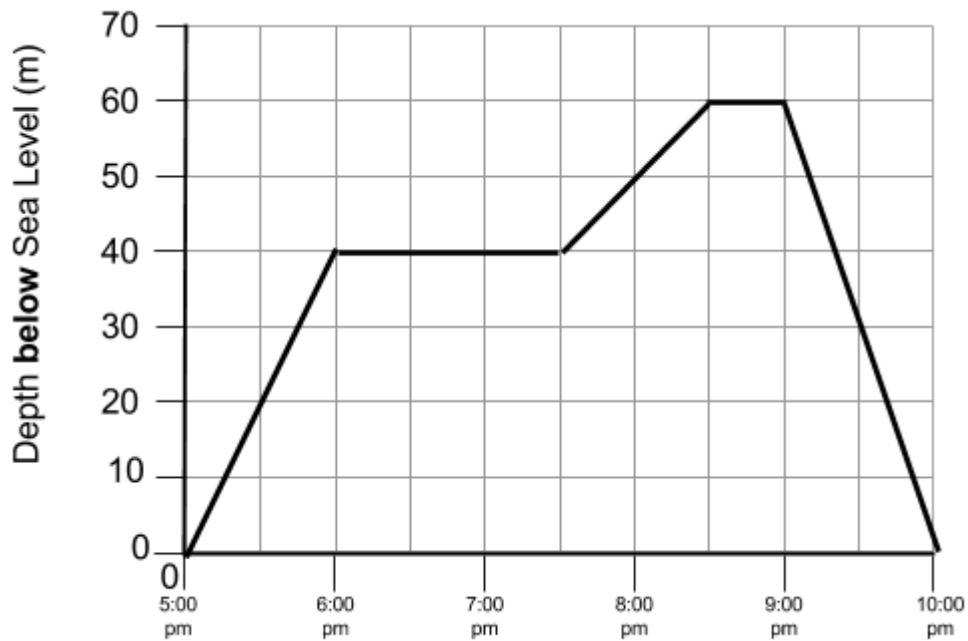
\_\_\_\_\_ m

b) Look again at the line graph. What time did the aeroplane reach **2000** meters above sea level **when it was landing**? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

6. A diver descends below the water to explore a ship wreck. The graph below shows the diver's height below sea level at certain times of the day.



a) How much has the diver descended at **17:30**? Write your answer in the space below.

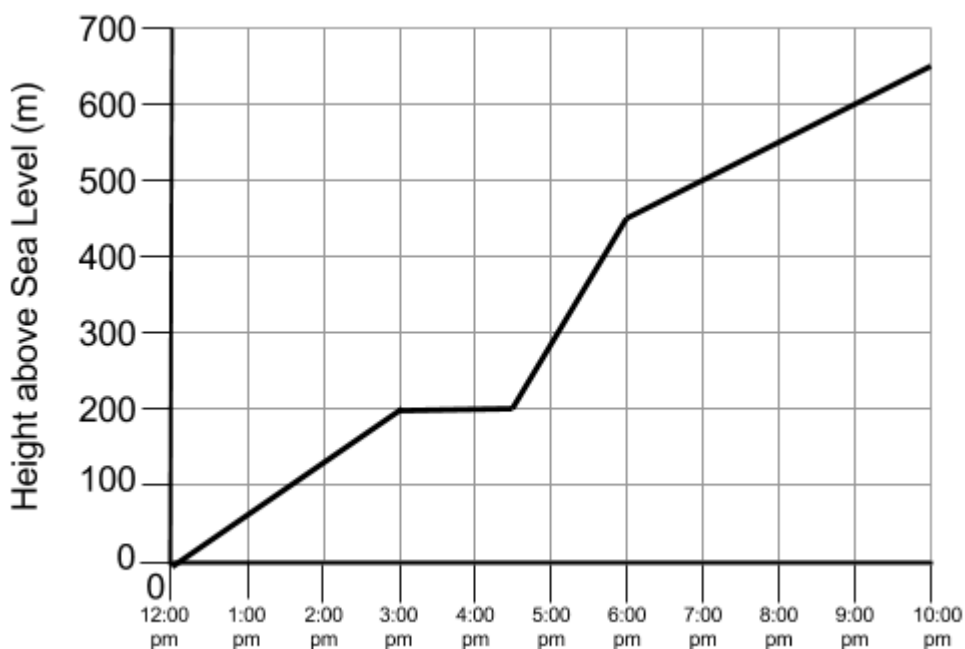
\_\_\_\_\_ m

b) Look again at the line graph. What time did the diver reach **50** meters below sea level on his way **down** to the ship wreck? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

7. A walker climbs up to the top of a mountain. The graph below shows the walker's height above sea level at certain times of the day.



a) How **high** has the walker climbed at **18:00**? Write your answer in the space below.

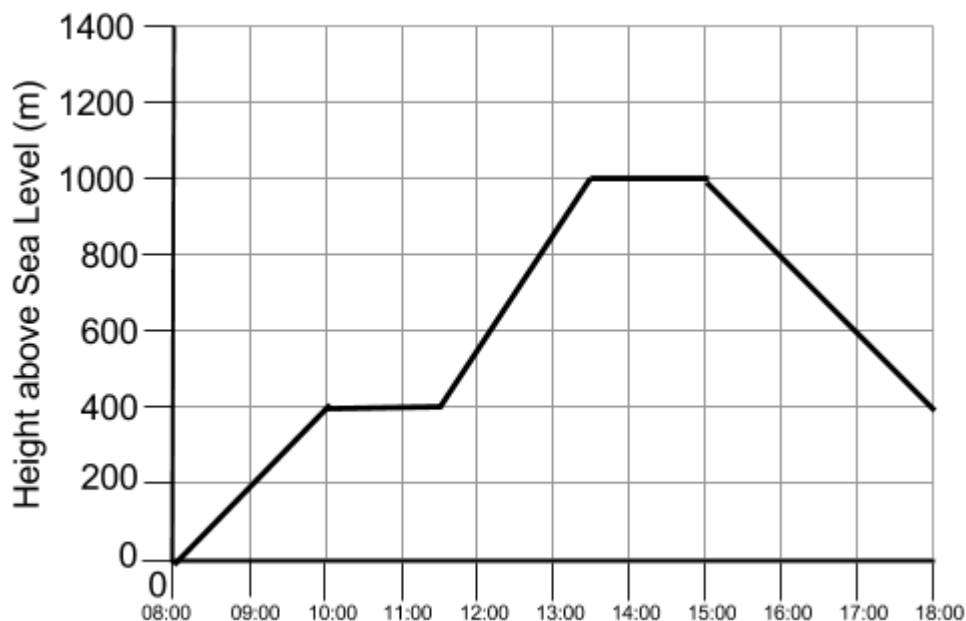
\_\_\_\_\_ m

b) Look again at the line graph. What time did the walker reach **550** meters above sea level? Write your answer in the space below in **24-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

8. An explorer climbs up to the top of a mountain. The graph below shows the explorer's height above sea level at certain times of the day.



a) How **high** has the explorer climbed at **1:30pm**? Write your answer in the space below.

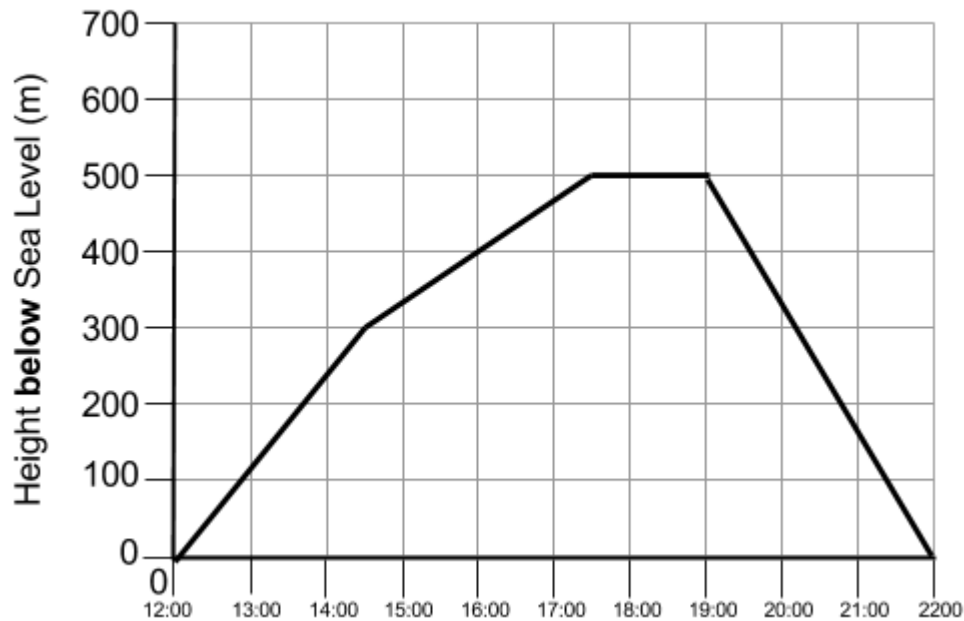
\_\_\_\_\_ m

b) Look again at the line graph. What time did the explorer reach **700** meters above sea level, **coming down the mountain**? Write your answer in the space below in **12-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

9. A submarine is diving in the sea. The graph below shows the submarines height below sea level at certain times of the day.



a) How **deep** has the submarine submerged at **4:00pm**? Write your answer in the space below.

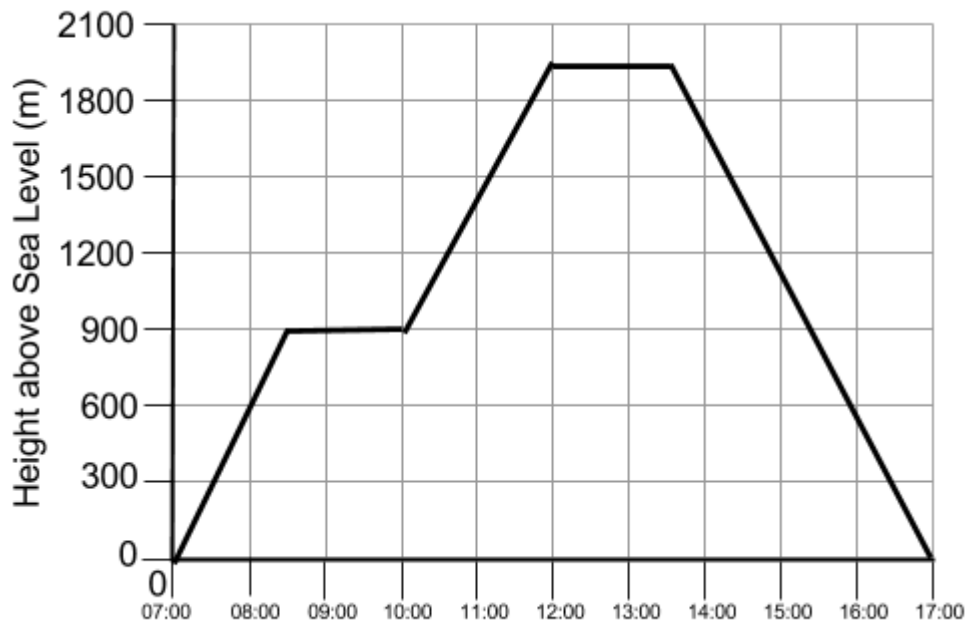
\_\_\_\_\_ m

b) Look again at the line graph. What time did the submarine reach **500** meters below sea level? Write your answer in the space below in **12-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

10. A helicopter is ascending. The graph below shows the helicopters height above sea level at certain times of the day.



a) How **high** has the helicopter climbed at **08:00**? Write your answer in the space below.

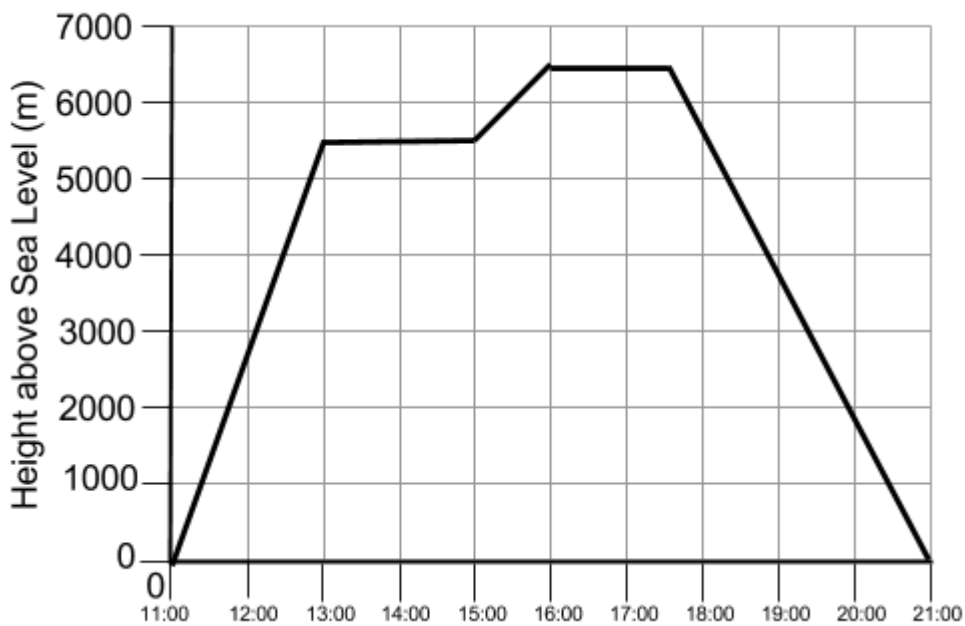
\_\_\_\_\_ m

b) Look again at the line graph. What time did the helicopter reach **1650** meters above sea level **on the way up**? Write your answer in the space below in **12-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

11. An aeroplane takes off and lands on its journey over the Irish sea. The graph below shows the aeroplane's height above sea level at certain times of the day.



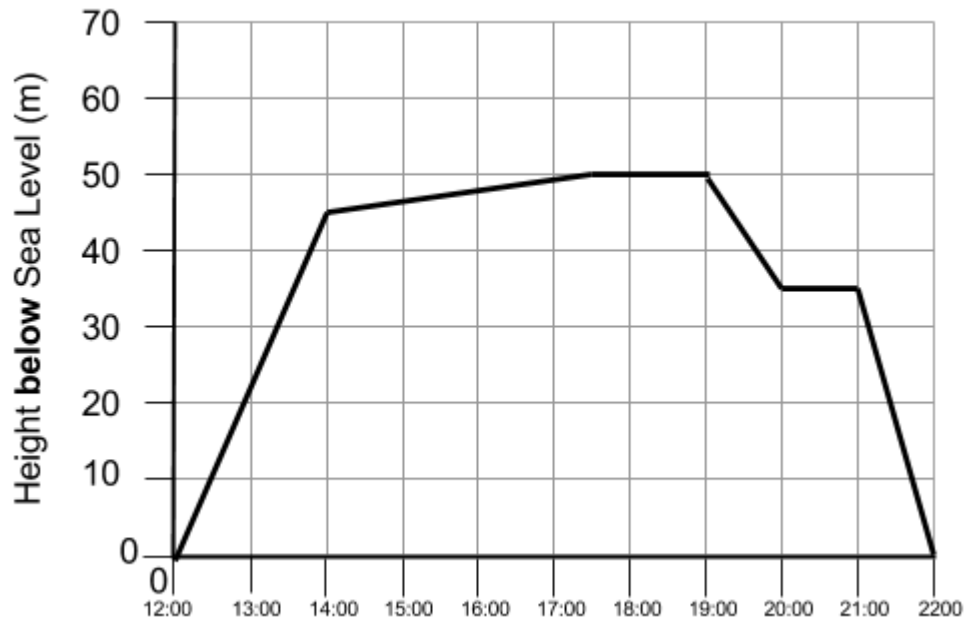
a) How **high** has the aeroplane climbed at **3:30pm**? Write your answer in the space below.

\_\_\_\_\_ m

b) Look again at the line graph. What time did the aeroplane reach **2000** meters above sea level, **when it is landing**? Write your answer in the space below in **12-hour clock**.

\_\_\_\_\_

12. A diver descends below the water to explore a ship wreck. The graph below shows the diver's height below sea level at certain times of the day.



a) How much has the diver descended at **2:00pm**? Write your answer in the space below.

\_\_\_\_\_ m

b) Look again at the line graph. What time did the diver reach **50** meters below sea level **for the first time**? Write your answer in the space below in **12-hour clock**.

\_\_\_\_\_

\_\_\_\_\_

**Answers**

- |                   |                           |
|-------------------|---------------------------|
| <b>1. a) 350</b>  | <b>b) 17:00</b>           |
| <b>2. a) 1000</b> | <b>b) 11:30</b>           |
| <b>3. a) 450</b>  | <b>b) 14:30 and 15:15</b> |
| <b>4. a) 1200</b> | <b>b) 10:30</b>           |
| <b>5. a) 5500</b> | <b>b) 15:30</b>           |
| <b>6. a) 20</b>   | <b>b) 20:00</b>           |
| <b>7. a) 450</b>  | <b>b) 20:00</b>           |
| <b>8. a) 1000</b> | <b>b) 4:30pm</b>          |
| <b>9. a) 400</b>  | <b>b) 5:30pm</b>          |
| <b>10.a) 600</b>  | <b>b) 11:30am</b>         |
| <b>11.a) 6000</b> | <b>b) 8:00pm</b>          |
| <b>12.a) 45</b>   | <b>b) 5:30pm</b>          |