Examiner's Use

1 A ferry to Crete leaves at 0730. The journey takes 2 hours and 48 minutes. Work out the time when the ferry arrives in Crete.

Answer 10.18 [1]

2 (a) Write the following in order, starting with the smallest.

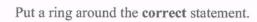
0.43 
$$\frac{4}{9}$$
 41% = 0.41

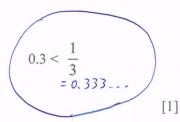
Answer(a)  $41^{\circ}/_{0}$  < 0.43 <  $\frac{4}{9}$ 

**(b)** Only **one** of the following statements is correct.

$$\sin 30^{\circ} \neq 0.5$$

$$4^2 > 16$$





In a group of 35 students, 14 go to school by bus. 3 Write down the probability that a student, chosen at random, does not go to school by bus. Give your answer as a fraction in its lowest terms.

Give your answer as a fraction in its lowest terms.

Not go to school by bus = 
$$35 - 14$$

$$= 21$$

$$= 21$$
Answer
$$\frac{3}{5}$$

$$\frac{21}{35} = \frac{3}{5}$$

Answer 
$$\frac{3}{5}$$
 [2]

Write down the equation of the line, parallel to y = 4x + 1, which passes through the point (0, -3).

$$y = mx + c$$

$$y = 4x + 1$$

$$y = mx + c$$

$$y =$$

$$y = Mx + C$$
  
 $y = 4x - 3$ 

Answer 
$$y = 4x - 3$$
 [2]