

**M1.(a)** Negative

*Ignore any other description*

*Accept eg strong negative, weak negative*

**B1**

(b) [118,122]

**B1**

**[2]**

**M2.** (a)  $\frac{2}{13}$

**B1**

(b) 5.4 minutes

*oe*  $60 \div 5 (= 12)$

**M1**

5 (minutes) 24 (seconds)

*SC1 any other non-integer time correctly converted to minutes and seconds*

*SC1 5 min 4 secs or 5 min 40 secs*

*or in range 5 min 12 secs*

*to 5 min 36 secs*

**A1**

(c) There is some (weak or moderate) support for the hypothesis

*oe Do not allow strong support oe*

**B1**

(d) At least 5 points with all in a strong positive correlation

**B1**

**[5]**