

## QUESTION 2.2

(a)  $\frac{8+5+5+10+8+4+9+7+p+q}{10} = 6.8$  **or equivalent** (MI)(AI) (C2)

**Note:** Award (MI) for correct substituted mean formula, (AI) for correct substitution.

(b) (i)  $p = 5$  (AI)(ft)

(ii)  $q = 7$  (AI)(ft) (C2)

**Note:** Follow through from their answers to parts (a) and (b) (i).

(c) 7 (MI)(AI)(ft) (C2)

**Notes:** Award (MI) for an attempt to order their numbers.  
Follow through from their answers to parts (b)(i) and (ii).