

QUESTION 1.8

| | \mathbb{N} | \mathbb{Q} | \mathbb{R} |
|------------|--------------|--------------|--------------|
| -5 | | ✓ | ✓ |
| $\sqrt{7}$ | | | ✓ |
| 2^{-3} | | ✓ | ✓ |
| 1.75 | | ✓ | ✓ |

(A1) for \mathbb{N} column correct.
(A2) for \mathbb{R} column correct, award (A1) if one ✓ is missing, award (A0) if two or more ✓ missing.
(A3) for \mathbb{Q} column correct, award (A2) for two correctly placed ✓ and no extra entries, award (A1) for one correctly placed ✓ and no extra entries or ✓ placed in all entries.

(A6) (C6)

[6 marks]