Orange – Answers

1)

A	B	C	D
$\frac{1}{4}, \frac{3}{4}, 1\frac{1}{4}, 1\frac{3}{4}, 2\frac{1}{4}$	$3\frac{2}{3}, 3\frac{1}{3}, 3, 2\frac{2}{3}, 2\frac{1}{3}$	$4\frac{1}{2}, 4\frac{1}{4}, 4, 3\frac{3}{4}, 3\frac{1}{2}$	$3\frac{1}{2}, 3\frac{7}{10}, 3\frac{9}{10}, 4\frac{1}{10}, 4\frac{3}{10}$
1	2	3	4
Decreasing by $\frac{1}{3}$	Increasing by $\frac{2}{10}$	Increasing by $\frac{1}{2}$	Decreasing by $\frac{1}{4}$

2) a) $1\frac{1}{2}$, $2\frac{1}{4}$, 3, $3\frac{1}{2}$, $4\frac{1}{2}$

b) $6\frac{1}{2}, 5\frac{5}{6}, 5\frac{1}{6}, 4\frac{1}{2}, 3\frac{5}{6}$ *(Also accept equivalent fractions, e.g. $4\frac{3}{6}$.)*

c) $4\frac{8}{10}$, $5\frac{1}{10}, 5\frac{4}{10}$, $5\frac{7}{10}$, 6

Continue the sequences.

a) $2\frac{7}{8}, 3\frac{1}{8}, 3\frac{3}{8}, 3\frac{5}{8}, 3\frac{7}{8}, 4\frac{1}{8}$

b) $5\frac{6}{7}, 5\frac{3}{7}, 5, 4\frac{4}{7}, 4\frac{1}{7}, 3\frac{5}{7}$

c) $5\frac{6}{11}, 5\frac{3}{11}, 5, 4\frac{8}{11}, 4\frac{5}{11}, 4\frac{2}{11}$