

Exercise 17

1. (a) $\frac{3}{5}$ (b) $\frac{7}{8}$
 (c) $\frac{5}{6}$ (d) $\frac{7}{10}$
2. (a) 1 (b) $\frac{1}{2}$ (c) $\frac{2}{3}$
 (d) $\frac{3}{5}$ (e) $\frac{5}{6}$ (f) $\frac{5}{7}$
 (g) $\frac{3}{4}$ (h) $\frac{7}{9}$ (i) $\frac{8}{10}$
3. (clockwise) $\frac{1}{2}, \frac{2}{3}, \frac{1}{4}, \frac{3}{5}, \frac{5}{6}, \frac{3}{8}, \frac{3}{10}, \frac{7}{9}$
4. (a) $\frac{3}{5}$ (b) 1
 (c) $\frac{5}{8}$ (d) $\frac{7}{9}$
 (e) $\frac{6}{7}$ (f) 1
 (g) $\frac{3}{5}$ (h) $\frac{3}{4}$

Exercise 18

1. (a) $\frac{5}{12}$ (b) $\frac{4}{8}; \frac{7}{8}$
 (c) $\frac{4}{10}; \frac{7}{10}$
2. (following arrows)
 $\frac{3}{4}; \frac{5}{6}; \frac{4}{9}; \frac{8}{9}; \frac{3}{10}; \frac{1}{2}; \frac{5}{8}; \frac{7}{8}; \frac{3}{4}; \frac{1}{3}$

Exercise 19

1. (a) $\frac{3}{5}$ (b) $\frac{1}{6}$ (c) $\frac{3}{8}$
 (d) $\frac{3}{10}$ (e) $\frac{1}{4}$ (f) $\frac{3}{5}$
2. (a) $\frac{1}{3}$ (b) $\frac{2}{5}$ (c) $\frac{2}{3}$
 (d) $\frac{5}{8}$ (e) $\frac{1}{4}$ (f) $\frac{3}{4}$
 (g) $\frac{3}{5}$ (h) $\frac{3}{10}$
 (i) $\frac{1}{2}$ (j) $\frac{1}{12}$
3. (clockwise from top)
 $\frac{1}{2}, \frac{1}{8}, \frac{5}{7}, \frac{3}{10}, \frac{1}{4}, \frac{1}{6}, \frac{3}{5}, \frac{2}{3}$
4. (a) $\frac{1}{2}$ (b) $\frac{2}{7}$
 (c) 0 (d) 0

- (e) $\frac{1}{2}$ (f) $\frac{1}{3}$
 (g) $\frac{3}{5}$ (h) $\frac{1}{3}$

Exercise 20

1. (a) $\frac{1}{4}$ (b) $\frac{4}{6}; \frac{1}{6}$
 (c) $\frac{8}{12}; \frac{7}{12}$
2. A $\frac{1}{3}$ D $\frac{1}{8}$ E $\frac{4}{9}$
 I $\frac{2}{3}$ L $\frac{3}{10}$ Q $\frac{5}{12}$
 R $\frac{1}{2}$ T $\frac{1}{12}$ U $\frac{1}{4}$
- QUADRILATERAL