

Exercise 1.1 (page 6)

1 $\frac{1}{4}$

4 $\frac{1}{4}$

7 $\frac{3}{5}$

10 $\frac{3}{5}$

13 $\frac{1}{2}, \frac{11}{20}, \frac{3}{5}, \frac{5}{8}$

16 $\frac{7}{9}$

19 $\frac{13}{24}$

22 $\frac{37}{48}$

25 $10\frac{67}{72}$

28 $2\frac{3}{5}$

31 $3\frac{3}{20}$

2 $\frac{3}{7}$

5 $\frac{1}{5}$

8 $\frac{3}{5}$

11 $\frac{7}{13}$

14 $\frac{2}{3}, \frac{3}{4}, \frac{5}{6}, \frac{7}{8}$

17 $\frac{9}{16}$

20 $\frac{3}{8}$

23 $\frac{155}{252}$

26 $2\frac{15}{56}$

29 $2\frac{3}{4}$

3 $\frac{4}{41}$

6 $\frac{3}{4}$

9 $\frac{4}{7}$

12 $\frac{7}{9}$

15 $\frac{2}{3}, \frac{4}{5}, \frac{5}{6}, \frac{13}{15}$

18 $\frac{5}{6}$

21 TK

24 $5\frac{13}{40}$

27 $3\frac{5}{8}$

30 $8\frac{1}{2}$

Exercise 1.2 (page 9)

1 $\frac{2}{5}$

4 $\frac{4}{9}$

7 $\frac{5}{28}$

10 $\frac{1}{2}$

13 $\frac{7}{16}$

16 1

19 $\frac{9}{16}$

22 $20\frac{5}{8}$

25 12

2 $\frac{5}{9}$

5 15

8 120

11 $\frac{15}{16}$

14 $\frac{1}{18}$

17 $\frac{5}{16}$

20 $1\frac{1}{2}$

23 6

26 100

3 $\frac{11}{20}$

6 $\frac{1}{15}$

9 $\frac{8}{15}$

12 $\frac{1}{18}$

15 $\frac{3}{4}$

18 2

21 TK

24 $31\frac{1}{2}$

27 $\frac{1}{2}$

Exercise 1.3 (page 11)

1 $\frac{6}{25}$

2 $\frac{18}{25}$

3 $\frac{3}{10}$

4 $\frac{5}{8}$

5 $\frac{91}{100}$

6 $\frac{1}{40}$

7 $1\frac{47}{50}$

8 $\frac{19}{50}$

9 $2\frac{1}{8}$

10 $\frac{303}{1000}$

11 $\frac{7}{9}$

12 $\frac{29}{99}$

13 $1\frac{1}{3}$

14 $\frac{1733}{3330}$

15 $\frac{43}{99}$

16 $\frac{6}{11}$

17 $\frac{107}{333}$

18 $1\frac{113}{330}$

19 0.625

20 $0.\dot{4}2857\dot{1}$

21 $0.\dot{4}$

22 0.45

23 0.28

24 Wrong. $0.\dot{3}\dot{5} \times 2 = 0.707070\dots$ which is not $0.\dot{7}$