

Skills practice B

1 a $\frac{7}{8}$

b $\frac{17}{24}$

c $2\frac{2}{3}$

d $1\frac{7}{8}$

e $\frac{5}{6}$

f $1\frac{19}{20}$

g $1\frac{47}{49}$

h $1\frac{47}{51}$

i $\frac{3}{4}$

2 $\frac{1}{5}$

3 20

4 $\frac{1}{20}$

5 a $\frac{1}{10}$

b $\frac{4}{5}$

c $\frac{2}{15}$

6 a $1\frac{1}{15}$ km/h

b $\frac{3}{8}$ km/h

c $1\frac{7}{8}$ mph

d 60 mph

7 a $\frac{1}{12}$

b 8

c $\frac{1}{6}$

d 2

e 1

f $\frac{1}{2}$

g 1

h 7

8 $2\frac{2}{5}$ km/h

9 a $\frac{2}{3}$ m

b $\frac{2}{5}$ m

c $1\frac{1}{4}$ m

d 1 m

e $1\frac{1}{2}$ m

f $\frac{1}{2}$ m

Applying skills

- 1 a** $\frac{1}{12}$
- b** $\frac{3}{40}$
- c** Each child receives £333 333.33 and each grandchild £300 000
- 2 a** $2\frac{1}{4} \times 3\frac{1}{3} = 7\frac{1}{2} \text{ m}^2$
- b** $84 \div \frac{4}{5} = 105 \text{ pipes}$
- c** $27 \times 1\frac{1}{4} = 33\frac{3}{4} \text{ gallons}$
- d** $3\frac{1}{2} \div 7 = \frac{1}{2} \text{ kg}$
- e** $12 \div \frac{3}{5} = 20 \text{ glasses}$