



Skills practice A

1 Any 4 squares shaded, out of 15

2 Any 6 squares shaded, out of 36

(or any $1\frac{1}{2}$ blocks of 4, from 9 blocks of 4)

3 a 3 km

b £40

c 3 kg

d 12 litres

e €480

f 300 bytes

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

b $\frac{2}{15}$

c $\frac{3}{20}$

d $\frac{14}{45}$

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

b $\frac{1}{21}$

c $\frac{1}{24}$

d $\frac{2}{15}$

e $\frac{3}{20}$

f $\frac{15}{56}$

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

b $\frac{1}{6}$

c $\frac{1}{8}$

d $\frac{1}{6}$

e $\frac{1}{15}$

f $\frac{1}{12}$

7 a $\frac{5}{12}$

b $\frac{3}{20}$

c $\frac{1}{3}$

d $\frac{11}{54}$

e $\frac{5}{16}$

f $\frac{13}{210}$

8 a $\frac{4}{81}$

b $\frac{2}{15}$

c $\frac{2}{5}$

d $\frac{2}{15}$

e $\frac{2}{45}$

f $\frac{1}{4}$

Skills practice B

- 1** **a** 6 sweets
b £ 800 000
c $5\frac{1}{3}$ tonnes (5.333... tonnes)
d 50 hectares
- 2** **a** Potatoes 8 squares out of 12; peas, 3 squares out of 12; asparagus 1 square
b 3
c 1 acre
- 3** **a** 8 squares (from 12) for flat fish; 3 squares from 12 for codling, 1 square for a variety of fish.
b 150. The weight of codling fish landed.
c 50 kg
- 4** **a** 50
b $\frac{1}{8}$
c $\frac{1}{16}$
- 5** John: $\frac{3}{5}$, Peter: $\frac{3}{10}$, Nina: $\frac{1}{10}$
- 6** $\frac{1}{6}$
- 7** $\frac{21}{40}$
- 8** 1500
- 9** $\frac{1}{6}$
- 10** $\frac{4}{15}$

Skills practice B

1 a $1\frac{1}{3}$

b $2\frac{13}{40}$

c $3\frac{3}{7}$

d $4\frac{1}{5}$

e $8\frac{1}{3}$

2 a 5

b 5

c $2\frac{13}{70}$

d $7\frac{1}{24}$

e $1\frac{4}{5}$

f 8

g $9\frac{49}{60}$

h $\frac{3}{8}$

i 5

j $7\frac{29}{30}$

k $1\frac{55}{56}$

l $2\frac{1}{2}$

3 a $3\frac{3}{4}$

b $11\frac{1}{9}$

c $3\frac{3}{4}$

d $5\frac{1}{5}$

4 $1\frac{23}{30}$ m

5 a $18\frac{3}{4}$ miles

b 25 miles

6 a $2\frac{7}{12}$ hour

b $\frac{5}{12}$ hour = 25 minutes

7 $30\frac{7}{60}$ km

8 a $2\frac{4}{5}$

b $3\frac{3}{5}$

c $6\frac{2}{5}$

d 16 000 metres; $6\frac{2}{5}$

9 $7\frac{1}{2}$ pizza

10 garlic bread leaves

5 lettuce

23 tomatoes

$2\frac{1}{2}$ salad cream bottles

4 coleslaw tubs

10 $\frac{1}{12}$

11 a $10\frac{3}{4}$ miles

b $4\frac{1}{12}$ miles