

S2 Block Test 1 Revision Booklet MP3



Special Numbers

Exercise 1

Multiples & Lowest Common Multiples (l.c.m.)



- Write down all the multiples of 4 between 30 and 50.
 - Write down all the multiples of 7 between 30 and 65.
- List the first ten multiples of 3 and the first 10 multiples of 4.
 - List the **common multiples** of 3 and 4.
 - What is the l.c.m. of 3 and 4?
- Find the l.c.m. of each of the following pairs of numbers :-
 - 2 and 3
 - 8 and 6
 - 3 and 7
 - 5 and 8
 - 10 and 12
 - 3 and 11
 - 8 and 9
 - 6 and 9.
- Find the l.c.m. of :-
 - 2, 3 and 4
 - 3, 5 and 9
 - 2, 7 and 9.
- 3 disco lights are set off at the same time and then flash at different intervals :-
 - the blue light flashes every 5 seconds.
 - the green light flashes every 6 seconds.
 - the red light flashes every 8 seconds.



After they flash at the start, how long will it be until they flash together again?

Exercise 2

Factors & Highest Common Factor (h.c.f.)



- Find all the factors of :-
 - 10
 - 18
 - 23
 - 24
 - 72
 - 100.
- List all the factors of 18 and all the factors of 24.
 - Make a list of the common factors of 18 and 24. (those that appear in both lists).
 - What is the **highest common factor** (or h.c.f.) of 18 and 24.
- Find the highest common factor (h.c.f.) for each of the following :-
 - 12 and 15
 - 28 and 35
 - 24 and 96
 - 37 and 41
 - 100 and 105
 - 199 and 200.
- Find the h.c.f. of :-
 - 12, 15, 21
 - 24, 36, 40.
- Write down all the factors of 360.

Special Numbers

Exercise 3 Prime Numbers

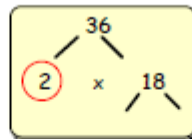


- Write all the factors of 15. Why is 15 **not** a prime number?
 - Explain why the number 1 is **not** a prime number.
 - Explain why 13 is a prime number.
- State whether each number below is a **prime** number or not. (Write **yes** or **no**) :-
 - 5
 - 16
 - 15
 - 17
 - 23
 - 27
 - 29
 - 35
 - 44
 - 47
 - 51
 - 62.
- How many **even** numbers are **prime**?
- Write down all the prime numbers between 50 and 60.

Exercise 4 Prime Decomposition



- Copy and complete the prime factor tree shown.



$$36 = 2 \times \dots \times \dots$$

- Use a similar method to find the prime decomposition of the following numbers :-
 - 12
 - 50
 - 27
 - 80
 - 56
 - 88
 - 35
 - 110
 - 155
 - 345
 - 1000
 - 256.

Revisit - Review - Revise 3



- Write down the **lowest common multiple** (l.c.m.) of :-
 - 4 and 9
 - 12 and 20
 - 11 and 37
 - 3, 5 and 6.
- Write down the **highest common factor** (h.c.f.) of :-
 - 20 and 28
 - 110 and 85
 - 21, 49 and 84.

Answers

Chapter 3 : Multiples & Factors

Review 2 Rounding & Whole Numbers

- a 7.7 b 17.7
c 119.1 d 1544.0
- (i) a 7.65 b 17.65
c 119.08 d 1544.00
(ii) a 8 b 20
c 100 d 2000
(iii) a 7.7 b 18
c 120 d 1500
(iv) a 7.65 b 17.7
c 119 d 1540
- 25499
- a 1290 b 60800 c 3256000
d 170 e 50 f 92
g 4 h 38 i 20.5
- 2016, 2020
- £409.08
- a 6l b 250 ml
- £3.90

Ch 3 Ex 1 Multiples & l.c.m.

- a 32, 36, 40, 44, 48
b 35, 42, 49, 56, 63

- a 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
4, 8, 12, 16, 20, 24, 28, 32, 36, 40
b 12, 24, 36, ...
c 12
- a 6 b 24 c 21
d 40 e 60 f 33
g 72 h 18
- a 12 b 45 c 126
- 120 seconds

Ch 3 Ex 2 Factors & h.c.f.

- a 1, 2, 5, 10 b 1, 2, 3, 6, 9, 18 c 1, 2, 3
d 1, 2, 3, 4, 6, 8, 12, 24
e 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72
f 1, 2, 4, 5, 10, 20, 25, 50, 100
- a (i) 1, 2, 3, 6, 9, 18 (ii) see 1d
b 1, 2, 3, 6 c 6
- a 3 b 7 c 24
d 1 e 5 f 1
- a 3 b 4
- 1, 2, 3, 4, 6, 8, 9, 10, 12, 15, 18, 20, 24,
30, 40, 45, 60, 90, 120, 180, 360

Ch 3 Ex 3 Prime Numbers

- a 1, 3, 5, 15 More than 2 factors
b only 1 factor
c has exactly 2 factors
- a yes b no c no
d yes e yes f no
g yes h no i no
j yes k no l no
- only one (the number 2)
- 53, 59

Ch 3 Ex 4 Prime Decomposition

- a $2 \times 2 \times 3 \times 3$
- a $2 \times 2 \times 3$ b $2 \times 5 \times 5$ c $3 \times 3 \times 3$
d $2 \times 2 \times 2 \times 2 \times 5$
e $2 \times 2 \times 2 \times 7$
f $2 \times 2 \times 2 \times 11$
g 5×7 h $2 \times 5 \times 11$ i 5×31
j $3 \times 5 \times 23$ k $2 \times 2 \times 2 \times 5 \times 5$
l $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$

Ch 3 Revisit - Review - Revise 3

- a 36 b 60
c 407 d 30
- a 4 b 5 c 7
- 2
- a 11, 13, 17, 19 b 41, 43, 47 c 97
- a even b even c divide by 7

Metric Measurement

Exercise 1

1. How many :-

- | | |
|-----------------------------------|----------------------------------|
| (a) millimetres in a centimetre ? | (b) centimetres in a metre ? |
| (c) metres in a kilometre ? | (d) millimetres in a metre ? |
| (e) centimetres in a kilometre ? | (f) millimetres in a kilometre ? |



2. Change :-

- | | | |
|-----------------|-------------------|--------------------|
| (a) 5 cm to mm | (b) 8 mm to cm | (c) 15 km to m |
| (d) 10 m to cm | (e) 15 km to m | (f) 5.5 cm to mm |
| (g) 8.6 m to cm | (h) 15.1 cm to mm | (i) 10.05 cm to mm |
| (j) 7.5 km to m | (k) 0.1 m to mm | (l) 0.001 km to mm |
- (m) Look at the sign above. How many kilometers to Glasgow ?

3. Change :-

- | | | |
|------------------|---------------------|-------------------------|
| (a) 400 cm to m | (b) 3000 m to km | (c) 80 000 cm to km |
| (d) 5000 mm to m | (e) 100 000 mm to m | (f) 1 million mm to km. |

4. Which is the shortest in each of the following :-

- | | |
|----------------------------------|---------------------------------------|
| (a) 0.5 km, 300 m or 4000 cm | (b) 100 000 mm, 5000 m or 10 km |
| (c) 0.0001 km, 0.11 m or 10.1 cm | (d) 1 million m, 100 000 cm or 1 km ? |

5. A 6 metre length of wood is cut in **three places** such that all the pieces are of the same length.

What is the length of each piece in millimetres.



Answers

Chapter 10 Exercise 1

- | | | |
|--------------|--------------|-------------|
| 1. a 10 | b 100 | c 1000 |
| d 1000 | e 100 000 | f 1 000 000 |
| 2. a 50 mm | b 18 mm | c 15 000 m |
| d 1000 cm | e 1500 m | f 55 mm |
| g 860 cm | h 151 mm | i 100.5 mm |
| j 7500 m | k 100 mm | l 1000 mm |
| m 10 km | | |
| 3. a 4 m | b 3 km | c 0.8 km |
| d 5 m | e 100 m | f 1 km |
| 4. a 4000 cm | b 100 000 mm | c 0.0001 km |
| d 1 km | | |
| 5. 1500 mm | | |

Time

Exercise 1



1. Change the following to 24 hour times :-

- | | | | |
|-----------------------------------|------------------------------------|--------------|--------------|
| (a) 8:30 am | (b) 1:50 pm | (c) 4:20 pm | (d) 9:01 pm |
| (e) 6:10 am | (f) 9:45 pm | (g) 11:12 pm | (h) 12:10 pm |
| (i) 7:08 pm | (j) 11:59 | (k) 11:59 am | (l) midnight |
| (m) Quarter past nine at night | (n) Half past two in the afternoon | | |
| (o) Quarter to six in the evening | (p) Twelve minutes to midnight. | | |

2. Change the following to 12 hour times :-

- | | | | |
|----------|----------|----------|----------|
| (a) 0440 | (b) 1610 | (c) 2205 | (d) 1910 |
| (e) 1130 | (f) 0010 | (g) 1255 | (h) 1010 |
| (i) 1706 | (j) 0101 | (k) 2010 | (l) 0000 |

Exercise 2

1. How long is it from :-

- | | | |
|-------------------------|--|------------------------|
| (a) 3:05 pm to 5:20 pm | (b) 5:15 am to 8:55 am | (c) 6:30 pm to 8:05 pm |
| (d) 9:50 pm to 11:15 pm | (e) 1430 to 1945 | (f) 0950 to 1605 |
| (g) 1442 to 2020 | (h) Quarter to six in the morning until five past nine at night. | |

2. Kay is not sure which video to watch.

- (a) If she starts to watch one of the videos at 8:35 pm, list the finishing time of each video.
- (b) Kay decides to watch all three videos. What time would the last video finish ?



2 hrs 40 mins	1 hr 25 mins	2 hrs 55 mins
------------------	-----------------	------------------

3. New York is 5 hours behind our time
(ie Glasgow time 6 pm → New York time 1 pm).

An aeroplane leaves Glasgow for New York
at 1:45 pm with a flight time of 6 hours 35 mins.

What is the time in New York when the plane lands ?



Time

Exercise 3

1. Round the following times to 1 decimal place :-

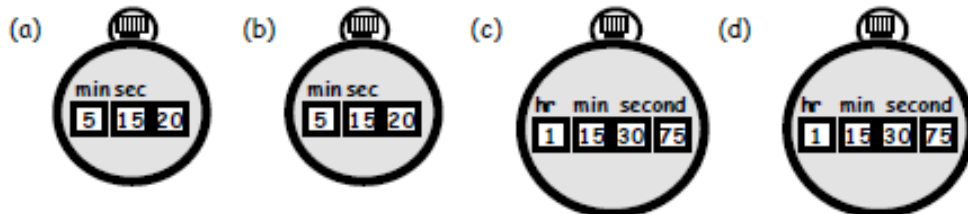
- (a) 8.16 secs (b) 15.05 secs (c) 20.97 secs (d) 0.709 secs

2. In a Formula 1 trial the following times were recorded;

Jenson : 54.62 secs, Cooltad : 54.09 secs, Chewmaker : 54.1 secs, Hall : 54.3 secs.

List the drivers in order, pole position (winner) first.

3. State the times shown in the following stopwatches :-



4. Ben and Bob came second and third in a sprint.

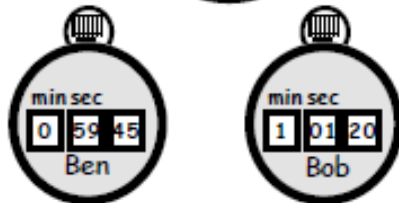
(a) By how much did Ben beat Bob ?

(b) James beat Bob by 1.5 secs.

(i) What was James' time

(ii) By how much did James win the race ?

(c) Write your answer to (b), (ii) as a fraction in thousandths of a second.



Revision Exercise

1. Write the following in 24 hour time :-

- (a) 9.20 am (b) 4.50 pm (c) 11.05 pm (d) 6.15 pm

2. Write the following in 12 hour time :-

- (a) 0110 (b) 1715 (c) 2310 (d) 0001

3. A train left the station at 1105 and arrived at its destination at 1750. How long was the journey ?

4. A paper round started at 6.25 am and took 1 hour 50 mins. What time did the round finish ?

5. Shown is a train timetable

-- -- denotes express train and does not stop at the station.

Glasgow	09 00	11 30	14 16	17 53	
Garrowhill	09 09	11 39	-- --	-- --	-- --
Blairhill	09 12	11 42	-- --	-- --	23 03
Sunnyside	09 14	11 44	-- --	-- --	23 09
Airdrie	09 17	11 47	14 33		23 12



(a) How long does it take the first train from Garrowhill to Airdrie ?

(b) The last train takes 16 minutes from Glasgow to Airdrie. What time does the train leave ?

(c) What time will the 1753 express from Glasgow arrive at Airdrie ? (Look at the 1416 express)

Answers

Chapter 3 Exercise 1

1. a 0830 b 1350 c 1620 d 2101
e 0610 f 2145 g 2312 h 1210
i 1908 j 2359 k 1159 l 0000
m 2115 n 1430 o 1745 p 2348
2. a 4-40 am b 4-10 pm c 10-05 pm d 7-10 pm
e 11-30 am f 12-10 am g 12-55 pm h 10-10 am
i 5-06 pm j 1-01 am k 8-10 pm l midnight

Chapter 3 Exercise 2

1. a 2 hrs 15 mins b 3 hrs 40 mins
c 1 hr 35 mins d 1 hr 25 mins
e 5 hrs 15 mins f 6 hrs 15 mins
g 5 hrs 38 mins h 15 hrs 20 mins
2. a A = 11-15 pm
B = 10-00 pm
C = 11-30 pm
b 3-35 am
3. 3-20 pm

Chapter 3 Exercise 3

1. a 8-2 b 15-1 c 21-0 d 0-7
2. Cooltad, Chewmaker, Hall, Jenson
3. a 5 mins 15-2 secs b 5 mins 1-13 secs
c 1 hr 15 mins 30-75 secs d 1 hr 1 min 3-4 secs
4. a 1-35 secs
b (i) 0 min 59-7 secs (ii) 0-25 secs

Chapter 3 Revision Exercise

1. a 0920 b 1650 c 2305 d 1815
2. a 1-10 am b 5-15 pm c 11-10 pm d 12-01 am
3. 6 hrs 45 mins
4. 8-15 am
5. a 8 mins b 2256 c 1810

More Time

Exercise 3

Converting hrs & mins to Decimal Times



- Change the following to decimals of an hour :-
 - 45 minutes
 - 24 minutes
 - 36 minutes
 - 27 minutes.
- Change the following to decimals of a hour. Give your answer to two decimal places :-
 - 7 minutes
 - 40 minutes
 - 8 minutes
 - 124 minutes.
- Change each time to decimal form :-
 - 2 hrs 33 mins
 - 1 hr 48 mins
 - 5 hrs 6 mins
 - 3 hrs 3 mins.
- Calculate the unknown quantity in each of the following :-
 - Distance = ? km Speed = 80 km/hr Time : 2 hrs 45 mins.
 - Distance = 64 miles Speed = ? mph Time : 1 hr 36 mins.
 - Distance = 420 km Speed = 50 km/hr Time : ? hrs ? mins .
- The distance between two towns Hurley and Burley is 48 kilometres. Gerry drives a truck from Hurley to Burley at a speed of 30 km/hr. On the return trip he increases his speed by 6 km/hr.
How much faster, in minutes and seconds, was the return trip ?



Answers

Exercise 4 - Convert Dec. Times to Hrs & Mins

- | | |
|---------------|---------------|
| a 2 hr 48 min | b 4 hr 24 min |
| c 21 mins | |
- | | |
|---------------|-----------------|
| a 4 hr 36 min | b 8 hr 9 min |
| c 3 hr 3 min | d 1 hr 7.5 mins |
- | | |
|---------------|----------------|
| a 3 hr 45 min | b 2 hr 10 mins |
| c 54 mins | |
- | | |
|--------------|--------------|
| a 72 km/hr | b 900 km/hr |
| c 37.8 km/hr | d 0.03 km/hr |
- | | |
|-------------|--------------------|
| a (i) Una | (ii) Dale |
| b (i) 1 min | (ii) 2 min 30 secs |

Exercise 5 - Time, Distance and Speed

- | | | |
|----------------|---------------|----------|
| a 1 hr | b 45 km | c 1.5 hr |
| d (i) 45 km/hr | (ii) 60 km/hr | |
- | | |
|-------------------------|---------|
| a 9 am and 10 am | b 55 km |
| c Jack by 10 mins | |
| d 22 km/hr & 36.7 km/hr | |
| e 12.22 pm | |

Fractions

Exercise 1

Revision



- Find two equivalent fractions for each of the following :-
 - $\frac{1}{2}$
 - $\frac{1}{3}$
 - $\frac{1}{8}$
 - $\frac{1}{100}$
 - $\frac{2}{3}$
 - $\frac{2}{5}$
 - $\frac{3}{7}$
 - $\frac{11}{12}$
- Simplify fully (where possible) :-
 - $\frac{2}{4}$
 - $\frac{6}{9}$
 - $\frac{15}{21}$
 - $\frac{24}{36}$
 - $\frac{11}{88}$
 - $\frac{75}{100}$
 - $\frac{17}{51}$
 - $\frac{122}{144}$
- Write each of the following as fractions and simplify fully :-
 - At first year assembly there were 124 boys out of 240 pupils.
 - At a school fire drill there were 1650 people in the playground.
There were one hundred and fifty adults.



Exercise 2

Top-Heavy & Mixed Fractions



- Change each of the following top heavy fractions to mixed numbers :-
 - $\frac{3}{2}$
 - $\frac{11}{2}$
 - $\frac{17}{3}$
 - $\frac{49}{6}$
 - $\frac{111}{10}$
 - $\frac{73}{9}$
 - $\frac{204}{5}$
 - $\frac{161}{12}$
- 51 kg of potatoes are packed evenly into 9 bags.
What is the weight of each bag ?
- Change each of these into mixed numbers and simplify fully where possible :-
 - $\frac{18}{4}$
 - $\frac{33}{6}$
 - $\frac{145}{10}$
 - $\frac{68}{8}$
 - $\frac{122}{4}$
 - $\frac{315}{25}$
 - $\frac{3333}{6}$
 - $\frac{147}{12}$
- How many $\frac{1}{2}$ pizza slices can you get from $5\frac{1}{2}$ pizzas ?
 - How many $\frac{1}{3}$ pizza slices can you get from $7\frac{2}{3}$ pizzas ?
 - How many $\frac{1}{6}$ pizza slices can you get from $4\frac{1}{2}$ pizzas ?



Fractions

5. Change each of the following mixed numbers to top heavy fractions :-

a $3\frac{1}{6}$

b $6\frac{1}{3}$

c $1\frac{2}{3}$

d $13\frac{4}{5}$

e $8\frac{3}{4}$

f $11\frac{2}{11}$

g $17\frac{3}{7}$

h $81\frac{3}{5}$.

Exercise 3 Adding & Subtracting (basic) Fractions



1. Find and simplify fully where possible :-

a $\frac{1}{2} + \frac{1}{4}$

b $\frac{1}{4} + \frac{1}{4}$

c $\frac{3}{5} + \frac{1}{5}$

d $\frac{7}{11} + \frac{4}{11}$

e $\frac{3}{5} - \frac{1}{5}$

f $\frac{7}{8} - \frac{3}{8}$

g $4\frac{1}{4} + \frac{1}{4}$

h $7\frac{3}{5} + 1\frac{1}{5}$

i $8\frac{3}{8} + 2\frac{1}{8}$

j $9 - 4\frac{1}{4}$

k $7\frac{5}{9} + 2\frac{4}{9}$

l $5\frac{1}{2} - 1\frac{1}{4}$.

2. Two carafes of wine were poured into a punch bowl.

One carafe held $\frac{5}{8}$ a litre of wine and the other held $\frac{1}{8}$ litres.

a How much wine is now in the bowl ?

b How much more wine did the first carafe hold than the second ?



3. A room is $9\frac{3}{4}$ metres long by $6\frac{1}{4}$ metres wide.

a How much longer is the length than the breadth ?

b Find the perimeter of the room.



Exercise 4 Adding & Subtracting (harder) Fractions



1. Calculate :-

a $\frac{1}{2} + \frac{1}{4}$

b $\frac{1}{3} + \frac{1}{4}$

c $\frac{3}{5} + \frac{3}{4}$

d $\frac{2}{3} + \frac{3}{8}$

e $\frac{3}{4} - \frac{1}{3}$

f $\frac{7}{8} - \frac{2}{3}$

g $\frac{4}{5} - \frac{2}{7}$

h $\frac{8}{9} + \frac{3}{5}$

i $\frac{1}{12} + \frac{1}{13}$

j $\frac{7}{8} - \frac{9}{11}$

k $\frac{6}{13} + \frac{15}{52}$

l $\frac{5}{6} - \frac{3}{8}$.

2. Find :-

a $5 - 3\frac{1}{2}$

b $12 - 6\frac{1}{14}$

c $6\frac{2}{3} - 1\frac{1}{4}$

d $7\frac{4}{5} - 5\frac{3}{4}$

e $10\frac{7}{8} - 7\frac{2}{3}$

f $81\frac{1}{2} - 77\frac{3}{4}$

g $6\frac{3}{5} - 4\frac{7}{8}$

h $2\frac{1}{2} - 1\frac{7}{9}$.

Fractions

Revisit - Review - Revise Exercise 9



1. Write down **three** equivalent fractions for :-

a $\frac{1}{3}$

b $\frac{2}{5}$

c $\frac{9}{10}$

d $\frac{11}{17}$.

2. Change each of the following to a top heavy fraction :-

a $5\frac{1}{2}$

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

c $8\frac{2}{7}$

d $1\frac{9}{11}$.

3. Change each of the following to a mixed number :-

a $\frac{11}{3}$

b $\frac{20}{7}$

c $\frac{101}{9}$

d $\frac{75}{10}$.

4. Find and simplify fully where possible :-

a $\frac{1}{2} + \frac{1}{5}$

b $1\frac{1}{3} + 1\frac{1}{2}$

c $3\frac{1}{3} + 2\frac{2}{5}$

d $14 - 6\frac{1}{2}$

e $4\frac{1}{2} - 2\frac{2}{7}$

f $7\frac{9}{10} - 5\frac{2}{3}$

g $8\frac{1}{4} - 5\frac{2}{3}$

h $9\frac{1}{3} - 5\frac{2}{5}$

i $7\frac{1}{5} + 1\frac{2}{3}$

j $11\frac{3}{4} + 8\frac{7}{9}$

k $5\frac{1}{9} - 3\frac{3}{5}$

l $9\frac{5}{6} - 8\frac{13}{18}$.

5. Jamie wanted to run $10\frac{1}{2}$ km during his race practice.

He only managed to run $8\frac{5}{8}$ km.

How far short was he of completing his practice ?



6. a Calculate the perimeter of the rectangle shown.

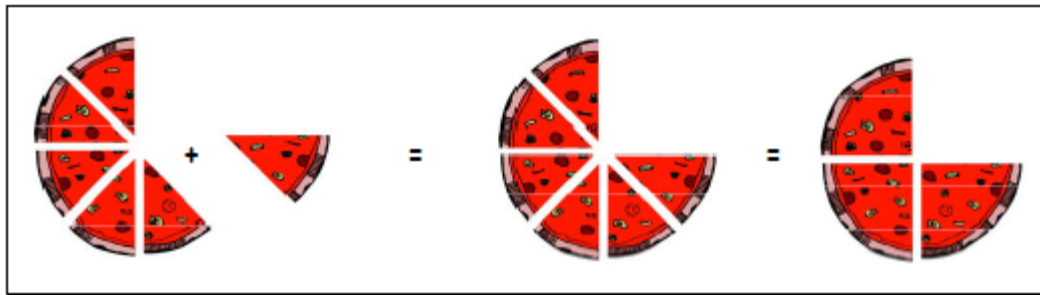
$5\frac{4}{5}$ cm



b How much longer is the length than the breadth ?

$8\frac{3}{4}$ cm

7. Write the sum represented by the diagram below :-



Answers

Answers to Chapter 9

Exercise 1 - Revision

- a $\frac{2}{4}, \frac{3}{6}$ b $\frac{2}{6}, \frac{3}{9}$
c $\frac{2}{16}, \frac{3}{24}$ d $\frac{2}{200}, \frac{3}{300}$
e $\frac{4}{6}, \frac{6}{9}$ f $\frac{4}{10}, \frac{6}{15}$
g $\frac{6}{14}, \frac{9}{21}$ h $\frac{22}{24}, \frac{33}{36}$
- a $\frac{1}{2}$ b $\frac{2}{3}$ c $\frac{5}{7}$ d $\frac{2}{3}$
d $\frac{1}{8}$ f $\frac{3}{4}$ g $\frac{1}{3}$ h $\frac{61}{72}$
- a $\frac{124}{240} = \frac{31}{60}$ b $\frac{150}{1650} = \frac{1}{11}$

Exercise 2 - Top-Heavy and Mixed Fractions

- a $1\frac{1}{2}$ b $5\frac{1}{2}$ c $5\frac{2}{3}$ d $8\frac{1}{6}$
e $11\frac{1}{10}$ f $8\frac{1}{9}$ g $40\frac{4}{5}$ h $13\frac{5}{12}$
- $5\frac{2}{3}$ kg
- a $4\frac{1}{2}$ b $5\frac{1}{2}$ c $14\frac{1}{2}$ d $8\frac{1}{2}$
e $30\frac{1}{2}$ f $12\frac{3}{5}$ g $55\frac{1}{2}$ h $12\frac{1}{4}$
- a 11 b 23 c 27
- a $\frac{19}{6}$ b $\frac{19}{3}$ c $\frac{5}{3}$ d $\frac{69}{5}$
e $\frac{35}{4}$ f $\frac{123}{11}$ g $\frac{122}{7}$ h $\frac{408}{5}$

Exercise 3 - Add/Subtract Basic Fractions

- a $\frac{3}{4}$ b $\frac{1}{2}$ c $\frac{4}{5}$ d 1
e $\frac{2}{5}$ f $\frac{1}{2}$ g $4\frac{1}{2}$ h $8\frac{4}{5}$
i $10\frac{1}{2}$ j $4\frac{3}{4}$ k 10 l $4\frac{1}{4}$
- a $\frac{3}{4}$ litre b $\frac{1}{2}$ litre
- a $3\frac{1}{2}$ m b 32 m

Exercise 4 - Add/Subtract Harder Fractions

- a $\frac{3}{4}$ b $\frac{7}{12}$ c $\frac{17}{20}$ d $1\frac{1}{24}$
e $\frac{5}{12}$ f $\frac{5}{24}$ g $\frac{18}{35}$ h $12\frac{2}{45}$
i $\frac{25}{156}$ j $\frac{5}{88}$ k $\frac{3}{4}$ l $11\frac{1}{24}$
- a $1\frac{1}{2}$ b $5\frac{13}{14}$ c $5\frac{5}{12}$ d $2\frac{1}{20}$
e $3\frac{5}{24}$ f $3\frac{3}{4}$ g $12\frac{9}{40}$ h $1\frac{13}{18}$

Review - Revisit - Revise Exercise 9

- a $\frac{2}{6}, \frac{3}{9}$ b $\frac{4}{10}, \frac{6}{15}$
c $\frac{18}{20}, \frac{27}{30}$ d $\frac{22}{34}, \frac{33}{51}$
- a $1\frac{1}{2}$ b $\frac{14}{3}$ c $\frac{58}{7}$ d $\frac{20}{11}$
- a $3\frac{2}{3}$ b $2\frac{6}{7}$ c $11\frac{2}{9}$ d $7\frac{1}{2}$
- a $\frac{7}{10}$ b $2\frac{5}{6}$ c $5\frac{11}{15}$ d $7\frac{1}{2}$
e $2\frac{3}{14}$ f $\frac{27}{30}$ g $2\frac{7}{12}$ h $3\frac{14}{15}$
i $8\frac{13}{15}$ j $20\frac{19}{36}$ k $12\frac{3}{45}$ l $1\frac{1}{9}$
- $1\frac{7}{8}$ km
- a $29\frac{1}{10}$ cm b $2\frac{19}{20}$ cm
- $\frac{5}{8} + \frac{1}{8} = \frac{6}{8} = \frac{3}{4}$