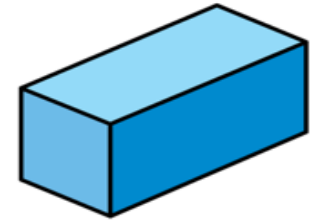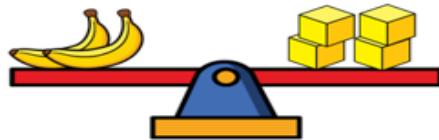# Flashback 4

Year 2 | Week 8 | Day 5
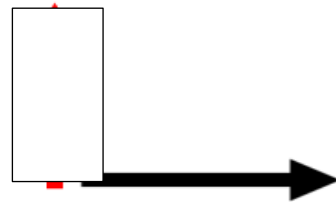
1) One banana weighs ☐ blocks.

2) How many minutes are in quarter of an hour? ☐

3) Draw the arrow after a quarter turn anti-clockwise.
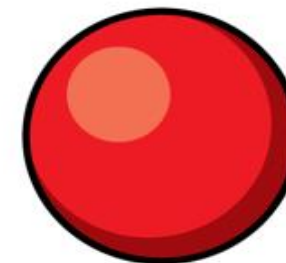
4) Calculate three quarters of 40 ☐

White Rose Maths

Flashback 4

1) $1,000 \text{ g} = \boxed{} \text{ kg}$

2) How many faces does a cuboid have? $\boxed{}$

3) Which is longest 30 cm, 30 mm or 3 m? $\boxed{}$

4) Complete the part-whole model.
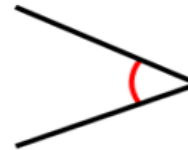
983

180   3

White Rose Maths

Flashback 4

1) What type of angle is this?

2) True or False?

More chocolate eggs were sold in May than March.

Sales of Chocolate Eggs
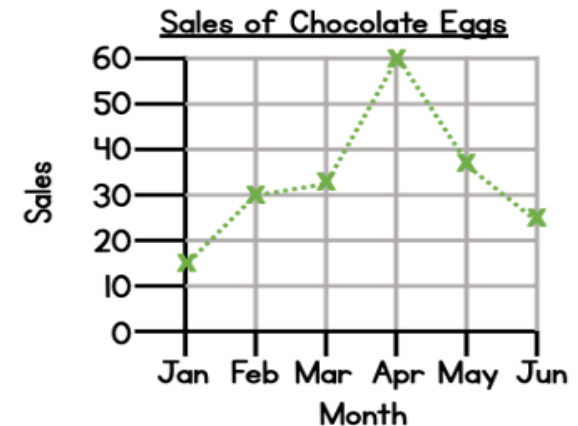
3) How many days are in a leap year?

4) Divide 462 by 3
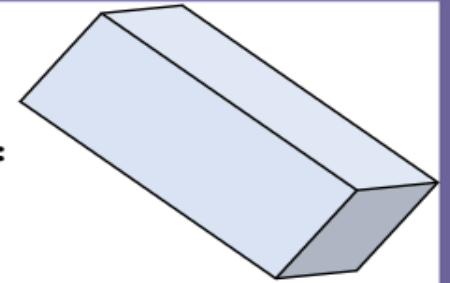
White Rose Maths

Flashback 4

1) Complete the number sentence using <, < or =

32,000 ml ⬤ 3.2 l

2) Describe the translation of shape A to shape B.

B

A
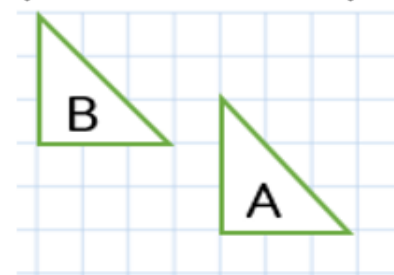
3) How many vertices does a pentagonal prism have?

4) What is the missing number? ☐ – 296 = 841

White Rose Maths

Flashback 4

1)

One banana weighs __2__ blocks.
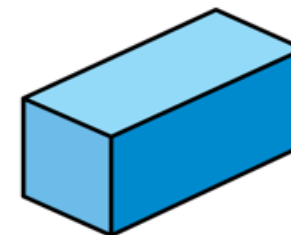
2) How many minutes are in quarter of an hour?   15

3) Draw the arrow after a quarter turn anti-clockwise.

4) Calculate three quarters of 40   30

White Rose Maths

Flashback 4

1) $1,000 \text{ g} = \underline{1} \text{ kg}$
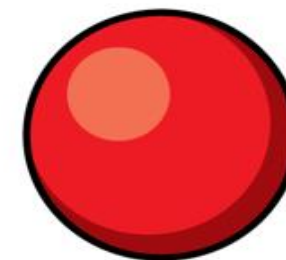
2) How many faces does a cuboid have? 6
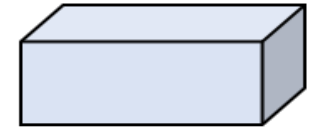
3) Which is longest 30 cm, 30 mm or 3 m? 3 m

4) Complete the part-whole model.

983
800 180 3

White Rose Maths
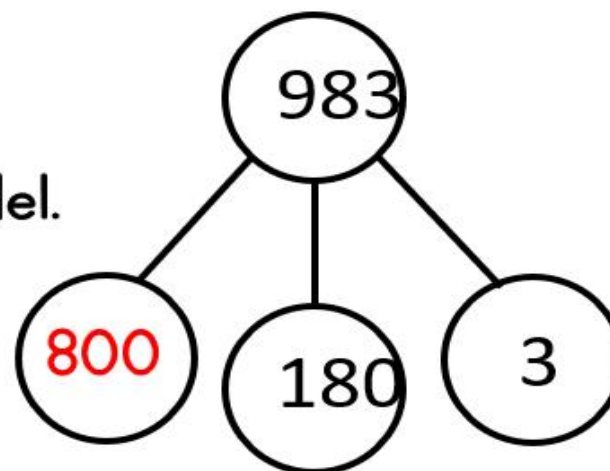
Flashback 4
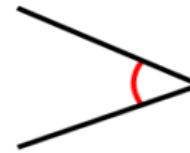
1) What type of angle is this? **acute angle**
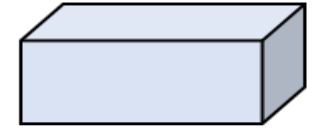
2) True or False?

More chocolate eggs were sold in May than March. **True**

Sales of Chocolate Eggs
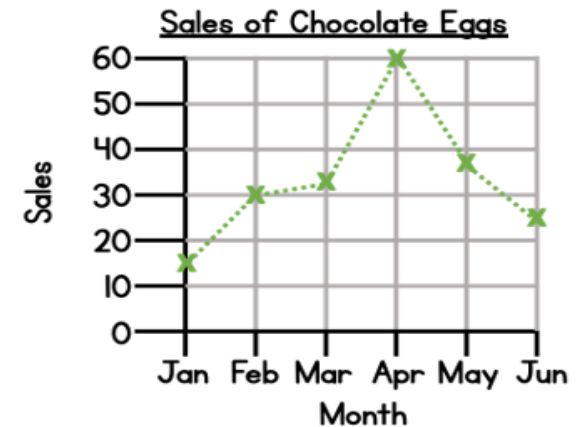
3) How many days are in a leap year? **366 days**

4) Divide 462 by 3 **154**
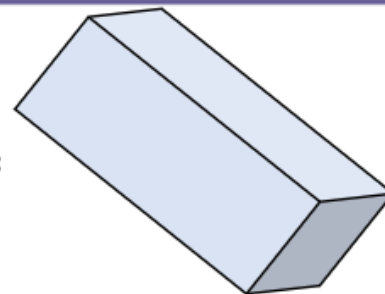
White Rose Maths

Flashback 4

1) Complete the number sentence using <, < or =

32,000 ml (>) 3.2 l

2) Describe the translation of shape A to shape B.

4 spaces to the left and 2 up.

B

A
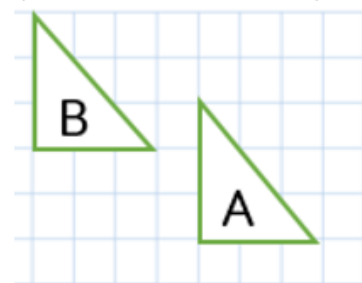
3) How many vertices does a pentagonal prism have?   10

4) What is the missing number? [   ] – 296 = 841   1,137

White Rose Maths

LEVEL 1 - DURATIONS OF TIME

LEVEL 2 – MONTHS AND YEARS

FACTS YOU MIGHT NEED

HOW MANY DAYS ARE THERE IN EACH MONTH?

HOW MANY DAYS IN A YEAR?

HOW MANY DAYS IN A LEAP YEAR?

60 SECONDS = 1 MINUTE

60 MINUTES = 1 HOUR

15 MINUTES = $\frac{1}{4}$ AND HOUR

30 MINUTES = $\frac{1}{2}$ AN HOUR

45 MINUTES = $\frac{3}{4}$ HOUR

24 HOURS = 1 FULL DAY

7 DAYS = 1 WEEK

14 DAYS = 1 FORTNIGHT (NOT FORTNITE THE GAME)

28 DAYS = 4 WEEKS = A MONTH (NOT A CALENDAR MONTH)

365 DAYS (AND ¼) = 52 WEEKS = 1 YEAR

366 DAYS = 52 WEEKS = 1 LEAP YEAR

1 Match the durations on the clocks to the labels.
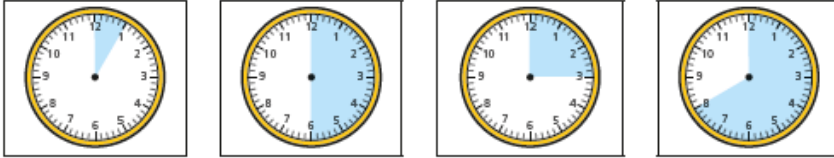
| 15 minutes | 40 minutes | 5 minutes | half an hour |

2 Which clocks show a 30-minute duration?
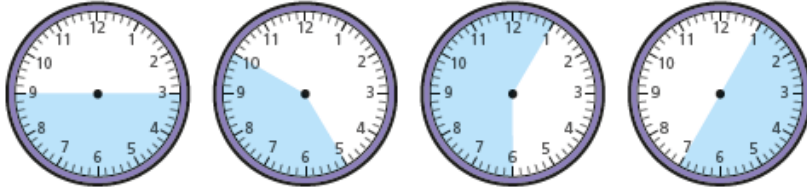
Talk to a partner about what you notice.

3 Which clocks show a 15-minute duration?

4 Tommy sat down to play a game at quarter past 1

The game took 20 minutes.

Draw the hands on a clock to show what time the game finished.

5 The table shows information about some children's journeys to school.

Name of child	Left home	Arrived at school	Journey time
Annie			30 minutes
Alex			
Jack			

White Rose Maths

4 Tommy sat down to play a game at quarter past 1

The game took 20 minutes.
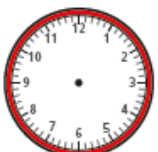
Draw the hands on a clock to show what time the game finished.

5 The table shows information about some children's journeys to school.

Name of child	Left home	Arrived at school	Journey time
Annie			30 minutes
Alex			
Jack			

Name of child	Left home	Arrived at school	Journey time
Mo			20 minutes
Dexter			15 minutes

a) Complete the table.

b) Is each statement true or false?

Annie arrived at school first.

Jack left home first.

Mo and Dexter left home at the same time.
Annie left home before Jack.

Alex arrived at school after Jack.

Make up your own true or false question about the table to test your partner.

6 Whitney watched TV from 10 past 6 until quarter to 7

How long did she spend watching TV?

1 Use a calendar to help you answer the questions.

a) How many days are in each month in a normal calendar year?

January [ ]   May [ ]   September [ ]

February [ ]   June [ ]   October [ ]

March [ ]   July [ ]   November [ ]

April [ ]   August [ ] December [ ]

b)

There are more days in a leap year, so all of the answers to part a) will change.

Do you agree with Tommy?

Explain your answer.

2 2020 is a leap year.

There are 365 days in the year 2020

a) Do you agree with Rosie?

Talk about it with a partner.

b) When will the next three leap years be?

3 Here is a calendar from December 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

a) What day of the week was 25 December in 2016?

b) Jack's birthday is on 17 December.
What day of the week was his birthday in 2016?

c) How many days are there between Jack's birthday and Boxing Day?

d) What day of the week was New Year's Day in 2017?

e) What was the date on the last Thursday of November 2016?

4 Write <, > or = to complete the statements.

a)   1 week ◯ 8 days   e) 12 months ◯ 1 year

b)   8 days ◯ 2 weeks   f) 2 years ◯ 22 months

c)   3 weeks ◯ 1 month   g) 36 months ◯ 3 years

d)   5 weeks ◯ 1 month

5 The number line represents one year.

a) Complete the boxes with an estimate of the date.
The first one has been done for you.

| 1 Jan | | [ ] | [ ] | | [ ] |

b) Estimate where these dates belong and label them on the number line.

2 April   20 September   28 February

Compare answers with a partner.

a) What day of the week was 25 December in 2016?

b) Jack's birthday is on 17 December.
   What day of the week was his birthday in 2016?

c) How many days are there between Jack's birthday and Boxing Day?

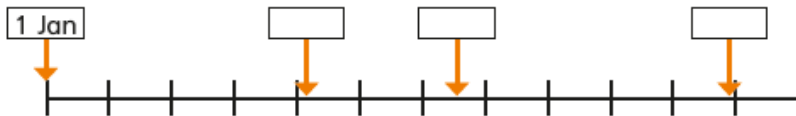d) What day of the week was New Year's Day in 2017?

e) What was the date on the last Thursday of November 2016?

4 Write <, > or = to complete the statements.

a) 1 week ◯ 8 days   e) 12 months ◯ 1 year

b) 8 days ◯ 2 weeks   f) 2 years ◯ 22 months

c) 3 weeks ◯ 1 month   g) 36 months ◯ 3 years

d) 5 weeks ◯ 1 month

5 The number line represents one year.

a) Complete the boxes with an estimate of the date.
   The first one has been done for you.

| 1 Jan | | | |

b) Estimate where these dates belong and label them on the
   number line.

   2 April   20 September   28 February

Compare answers with a partner.

6 Jack, Eva, Whitney and Ron were all born in the same year.

Jack: My birthday is between Eva's and Ron's.

Whitney: I am the oldest.

Eva: I am older than Ron.

Match the birthday to the child.

Jack   Eva   Ron   Whitney

2 November   31 January   15 June   4 May

7 Huan, Dani and Filip are counting up in different numbers of days.

Huan starts on 1 July and counts in 2s.

Dani starts on 31 May and counts in 5s.

Filip starts on 30 May and counts in 3s.

Who will reach August first?

May							June							July							August		
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14			
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21			
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
29	30	31					29	30						29	30	31							

Find durations of time

1 Match the durations on the clocks to the labels.

| 15 minutes | 40 minutes | 5 minutes | half an hour |

2 Tick all the clocks that show a 30-minute duration.

Talk to a partner about what you notice.

3 Tick all the clocks that show a 15-minute duration.

4 Tommy sat down to play a game at quarter past 1

The game took 20 minutes.

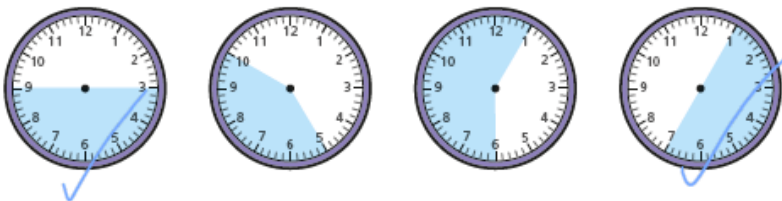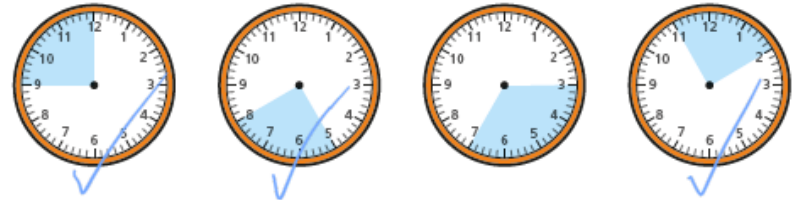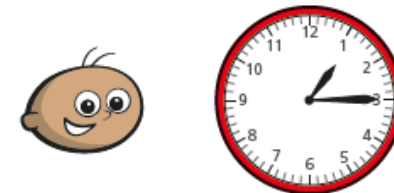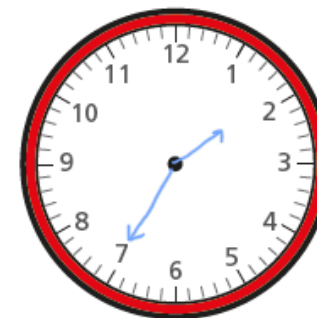Draw the hands on the clock to show what time the game finished.

5 The table shows information about some children's journeys to school.

Name of child	Left home	Arrived at school	Journey time
Annie	(clock)	(clock)	30 minutes
Alex	(clock)	(clock)	10 minutes
Jack	(clock)	(clock)	30 minutes
Mo	(clock)	(clock)	20 minutes
Dexter	(clock)	(clock)	15 minutes

a) Complete the table.

b) Is each statement true or false?
   Circle your answers.

Annie arrived at school first.   true   (false)

Jack left home first.   (true)   false

Mo and Dexter left home at the same time.   (true)   false

Annie left home before Jack.   true   (false)

Alex arrived at school after Jack.   (true)   false

Make up your own true or false question about the table to test your partner.

6 Whitney watched TV from 10 past 6 until quarter to 7

(clock)   (clock)

How long did she spend watching TV?

[35] minutes

Answers Level 2

1 Use a calendar to help you answer the questions.

a) How many days are in each month in a normal calendar year?

Month	Days	Month	Days	Month	Days
January	31	May	31	September	30
February	28	June	30	October	31
March	31	July	31	November	30
April	30	August	31	December	31

b)

> There are more days in a leap year, so all of the answers to part a) will change.

Do you agree with Tommy? __No__

Explain your answer.

2 2020 is a leap year.

> There are 365 days in the year 2020

a) Do you agree with Rosie? __No__

Talk about it with a partner.

b) When will the next three leap years be?

[2024] [2028] [2032]

3 Here is a calendar from December 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

a) What day of the week was 25 December in 2016?

__Sunday__

b) Jack's birthday is on 17 December.

What day of the week was his birthday in 2016?

__Saturday__

c) How many days are there between Jack's birthday and Boxing Day?

__9__

d) What day of the week was New Year's Day in 2017?

__Sunday__

e) What was the date on the last Thursday of November 2016?

__24th__

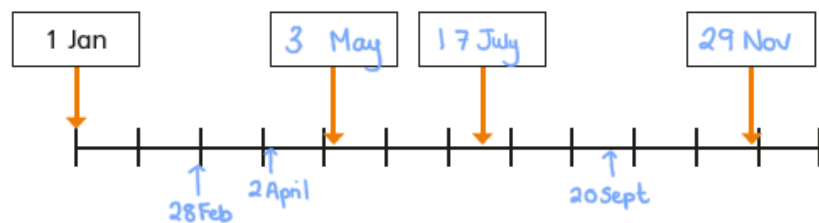**4** Write <, > or = to complete the statements.

a) 1 week $<$ 8 days

b) 8 days $<$ 2 weeks

c) 3 weeks $<$ 1 month

d) 5 weeks $>$ 1 month

e) 12 months $=$ 1 year

f) 2 years $>$ 22 months

g) 36 months $=$ 3 years

5 The number line represents one year.

a) Complete the boxes with an estimate of the date.

The first one has been done for you.

| 1 Jan | 3 May | 17 July | 29 Nov |

28 Feb   2 April   20 Sept

b) Estimate where these dates belong and label them on the number line.

2 April   20 September   28 February

Compare answers with a partner.

6 Jack, Eva, Whitney and Ron were all born in the same year.

Jack: My birthday is between Eva's and Ron's.

Whitney: I am the oldest.

Eva: I am older than Ron.

Match the birthday to the child.

| Jack | Eva | Ron | Whitney |

2 November   31 January   15 June   4 May

7 Huan, Dani and Filip are counting up in different numbers of days.

Huan starts on 1 July and counts in 2s. (17)

Dani starts on 31 May and counts in 5s. (14)

Filip starts on 30 May and counts in 3s. (22)

Who will reach August first?   Dani

May							June							July							August		
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14			
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21			
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
29	30	31					29	30						29	30	31							