Concept: Time
Small Step: Months and Years

A tricycle has 3 wheels. How many wheels on three tricycles?
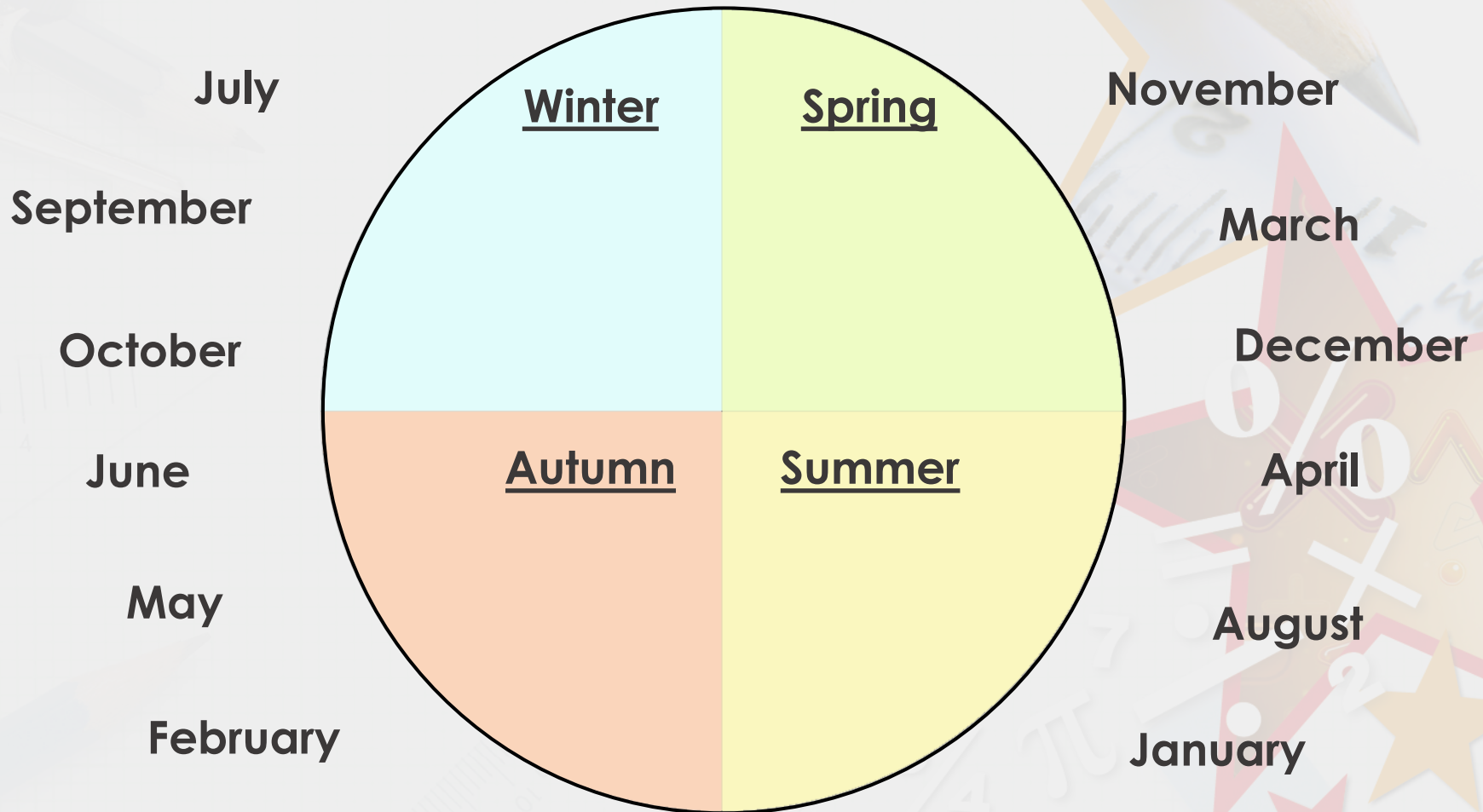
How many wheels on 5 tricycles?...

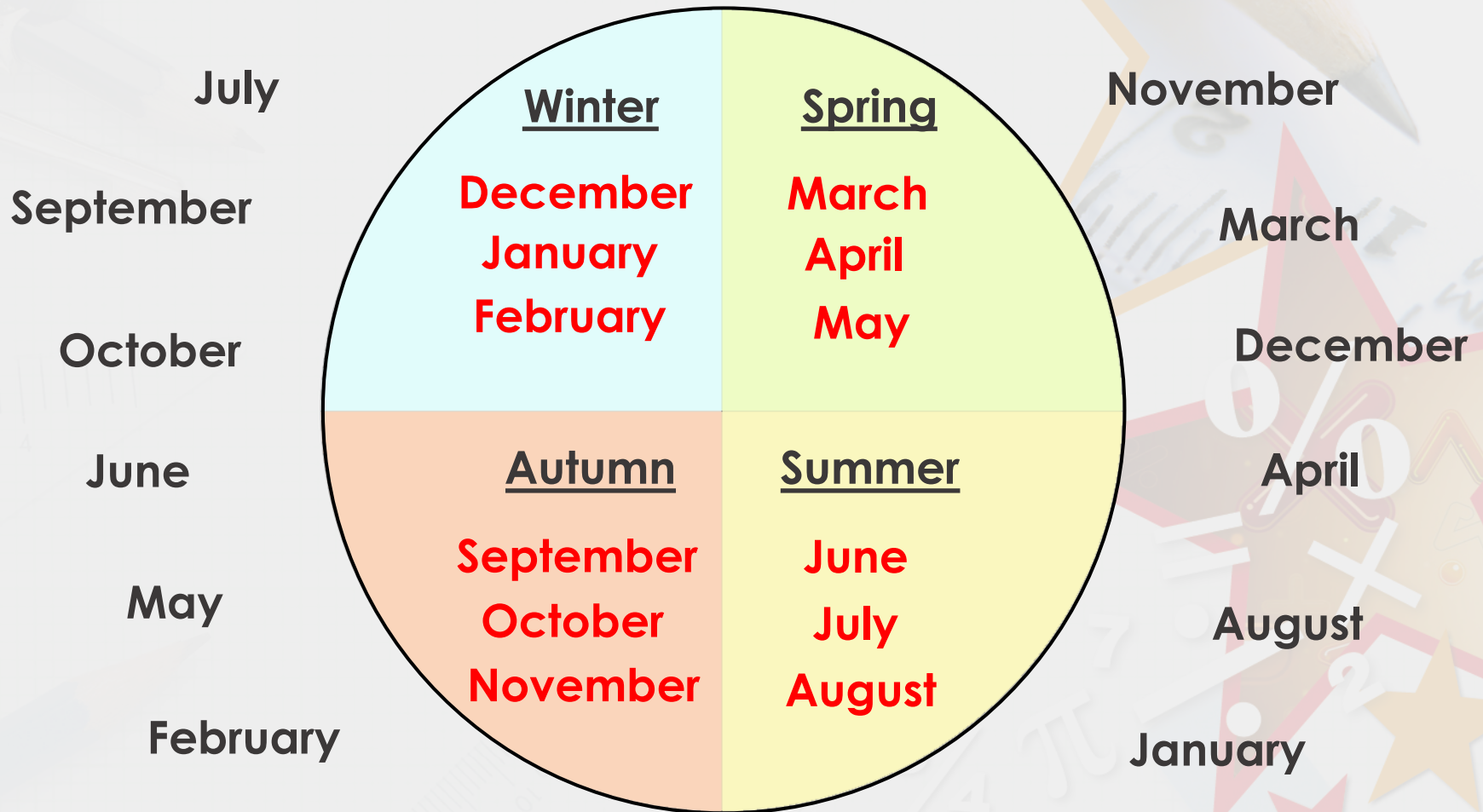How many wheels altogether on 4 tricycles and 1 bicycle?

Decide which month should go in which season and place them in the correct order.

July

September

October

June

May

February

Winter	Spring
Autumn	Summer

November

March

December

April

August

January

Decide which month should go in which season and place them in the correct order.

July

September

October

June

May

February

Winter

December
January
February

Spring

March
April
May

Autumn

September
October
November

Summer

June
July
August

November

March

December

April

August

January

Circle the month or months that do not have 30 days in total.

The eighth month of the year

April

The month before March

Circle the month or months that do not have 30 days in total.

The eighth month of the year

April

The month before March

Write the date a week later.

28th February (non-leap year)	
30th December	

Write the date a week later.

28th February (non-leap year)	7th March
30th December	6th January

Complete the table.

Number of days in the fifth month of the year	
Number of days in 2019	
Number of days in February in a _____ year	**29**

Complete the table.

Number of days in the fifth month of the year	**31**
Number of days in 2019	**365**
Number of days in February in a <u>leap</u> year	**29**

Draw lines to match the statements to the missing parts.

There are _____ days in the 10th month of the year

8

August is the _____th month of the year

31

The month after March has _____ days

30

Draw lines to match the statements to the missing parts.

There are _____ days in the 10ᵗʰ month of the year

August is the _____th month of the year

The month after March has _____ days

8

31

30

Are the following statements always true, sometimes true or never true?

A. March has fewer days than September

B. A year has 366 days

C. January is the first month of the year

D. 2020 will be a leap year

Explain your reasoning.

Are the following statements always true, sometimes true or never true?

A. March has fewer days than September
Never true because March has 31 days and September has 30 days.

B. A year has 366 days
Sometimes true because a leap year has 366 days but a non-leap year has 365 days.

C. January is the first month of the year
Always true.

D. 2020 will be a leap year
Always true because leap years happen every four years, and the last one was 2016.

Which card is the odd out one?
Explain your reasoning.

June

The month before September

The first month of the year

Which card is the odd out one?
Explain your reasoning.

June

The month before September

The first month of the year

June is the odd one out because…

Reasoning 2

Which card is the odd out one?
Explain your reasoning.

June

The month before September

The first month of the year

June is the odd one out because June has 30 days whereas August (the month before September) and January (the first month of the year) both have 31 days.

CLASSROOM Secrets

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Complete the table about the siblings' dates of birth using the information below.

	27	/	12	/	2012
		/		/	2008
Delilah	6	/		/	2004

- **Jaxon's birthday is two days after Christmas.**
- **Harvey's birthday is in August.**
- **Harvey's birthday is on the same day of the month as Jaxon's.**
- **Delilah's birthday is in the month before Harvey's.**

Complete the table about the siblings' dates of birth using the information below.

Jaxon	**27**	/	**12**	/	**2012**
Harvey	**27**	/	**8**	/	**2008**
Delilah	6	/	7	/	2004

- **Jaxon's birthday is two days after Christmas.**
- **Harvey's birthday is in August.**
- **Harvey's birthday is on the same day of the month as Jaxon's.**
- **Delilah's birthday is in the month before Harvey's.**

Concept: Time
Small Step: Hours in a Day

There are 16 ducks and 5 swans on a lake. How many birds are there altogether?
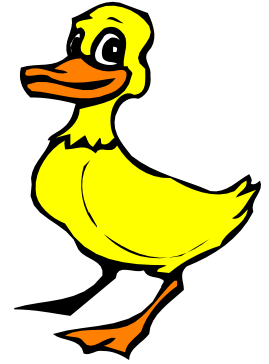
5 ducks leave.
How many now?...
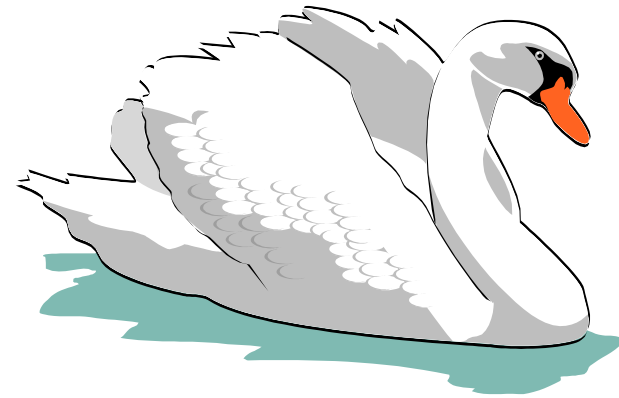
4 more ducks leave and 2 new swans arrive. How many now?

Sort the months.

30 days	31 days	28 or 29 days

January   February   March   April   May   June   July

August   September   October   November   December

There are _____ days in a year.

There are _____ days in a leap year.

There are _____ months in a year.

Sort the months.

30 days	31 days	28 or 29 days
April June September November	January March May July August October December	February

There are **365** days in a year.

There are **366** days in a leap year.

There are **12** months in a year.

Match the statements to the correct number.

days in April	4

hours in 3 days	30

days in two weekends	72

Match the statements to the correct number.
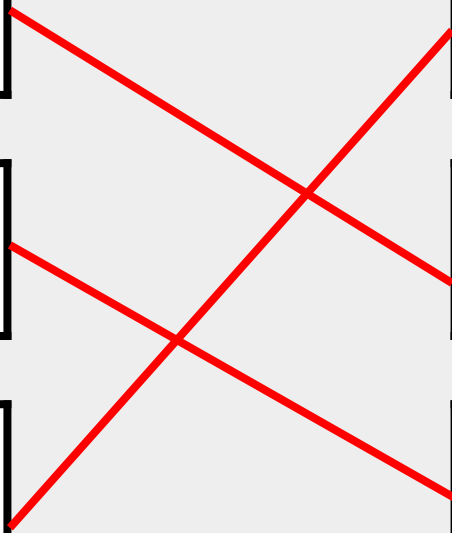
days in April		4
hours in 3 days		30
days in two weekends		72

Put these events in the correct order from earliest to latest.

home time	morning registration
afternoon playtime	**noon**

Put these events in the correct order from earliest to latest.

home time	morning registration
afternoon playtime	noon

**morning registration
noon
afternoon playtime
home time**

Fill in the blanks:

There are _____ days in five weeks.

There are 12 _____ in half a day.

Fill in the blanks:

There are ___**35**___ days in five weeks.

There are 12 ___**hours**___ in half a day.

True or false?

Lunch is served around midday.

True or false?

Lunch is served around midday.

True because...

True or false?

Lunch is served around midday.

True because lunch is served in the 'middle' of the day – usually about 12 o'clock.

Ellie says:

Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

Is that possible? Explain how you know.

Ellie says:

Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

Is that possible? Explain how you know.
Ellie is incorrect because …

Ellie says:

> Lunchtime is at 12 o'clock. So, whenever a clock shows 12 o'clock it has to be lunchtime.

Is that possible? Explain how you know.

Ellie is incorrect because a clock can say 12 o'clock in the middle of the night and in the middle of the day. Only one of those is lunchtime.

True or false?

"Today the sunset was at 8 o'clock. That means every day must finish at 8 o'clock."

Explain how you know.

True or false?

"Today the sunset was at 8 o'clock. That means every day must finish at 8 o'clock."

Explain how you know.

False because…

True or false?

"Today the sunset was at 8 o'clock. That means every day must finish at 8 o'clock."

Explain how you know.

False because the sun sets at different times (depending on the season) and this doesn't always mean the day has ended.

How many days in this month are not weekend days?

Mo	Tu	We	Thu	Fri	Sa	Su
			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				

How many days in this month are not weekend days?

Mo	Tu	We	Thu	Fri	Sa	Su
			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				

20 days are not weekend days

Concept: Time
Small Step: Telling the time to 5 minutes

Haider bought a can of pop. He paid 28p and used 4 coins. What were the coins?

He buys a chocolate bar costing 17p. He pays using 3 coins. Which coins?...
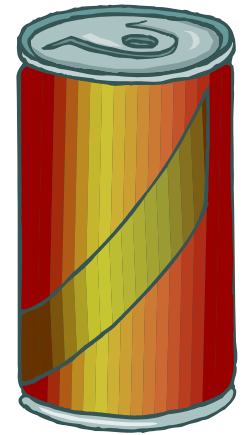
How much did he spend all together?

Step 3: Telling the Time to 5 Minutes

Roman numerals are sometimes used on clock faces.

Let's recap them:

1	=	I	7	=	VII
2	=	II	8	=	VIII
3	=	III	9	=	IX
4	=	IV	10	=	X
5	=	V	11	=	XI
6	=	VI	12	=	XII

The Roman numerals on the clock face have been muddled up.
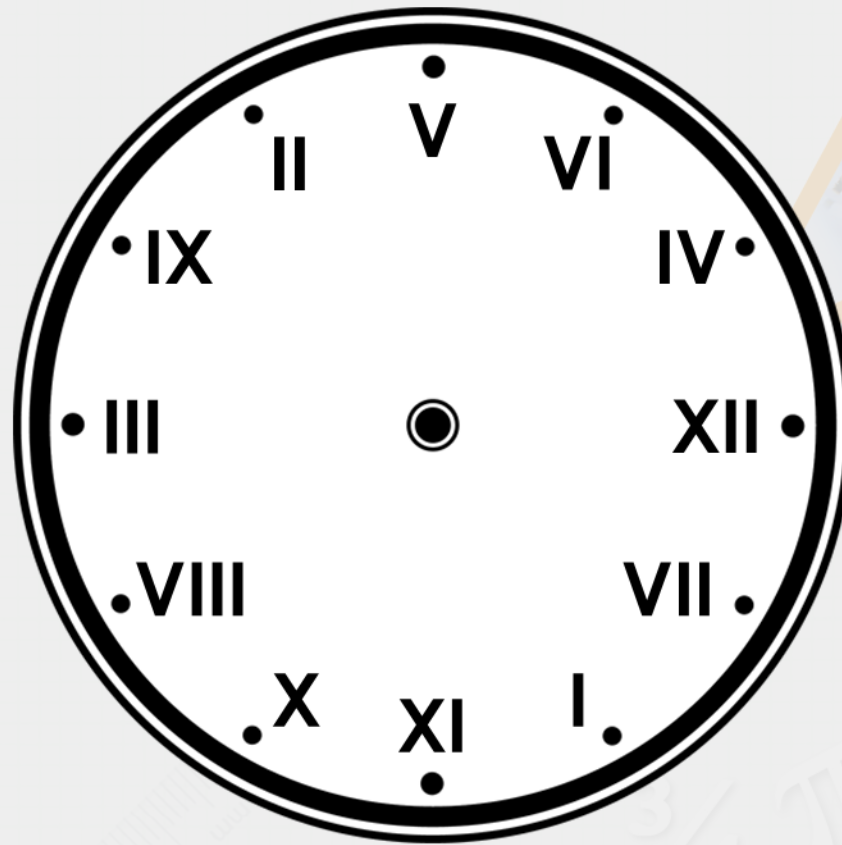
Put them back into the correct order.

The Roman numerals on the clock face have been muddled up.

Put them back into the correct order.
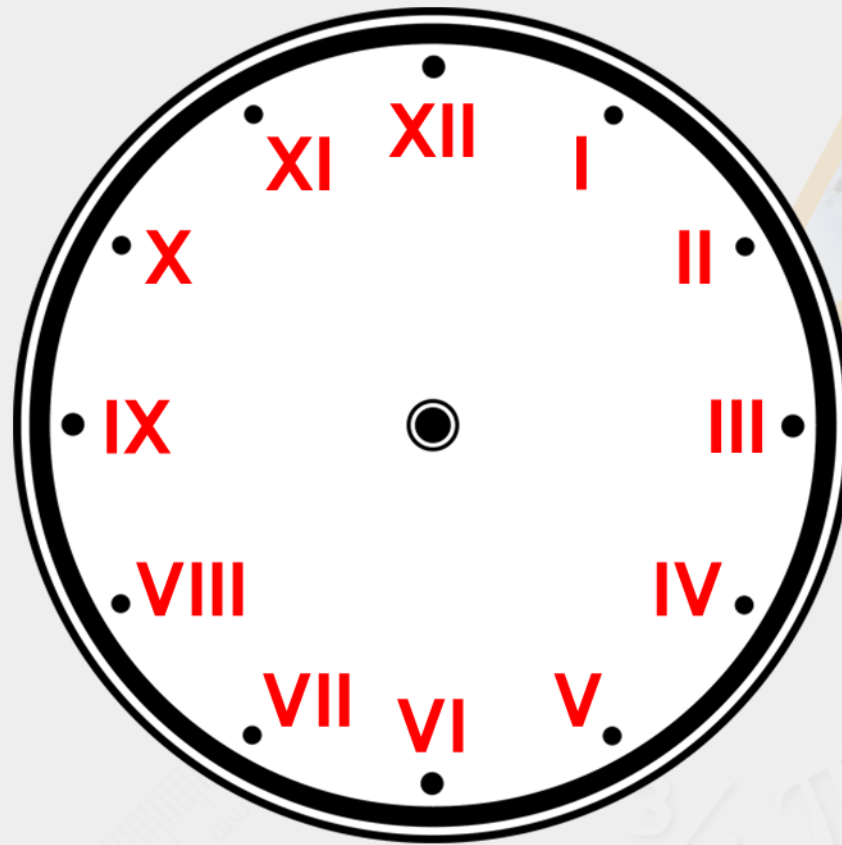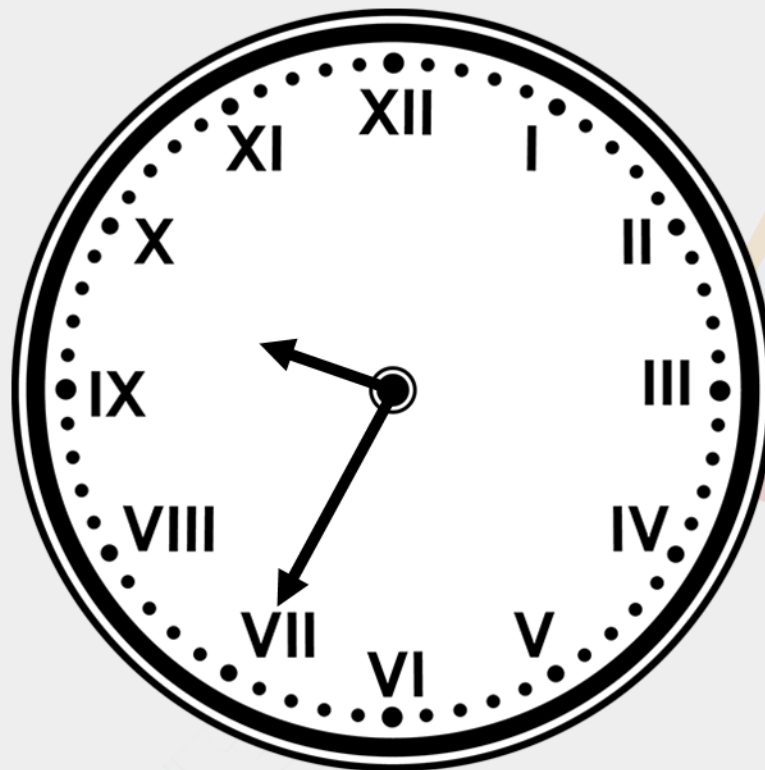
What time is shown on the clock?

What time is shown on the clock?

Twenty-five minutes to ten

A clock shows the time twenty minutes past eight.

What number is the minute hand pointing at?

VIII	III	IV

A clock shows the time twenty minutes past eight.

What number is the minute hand pointing at?

VIII	III	**IV**
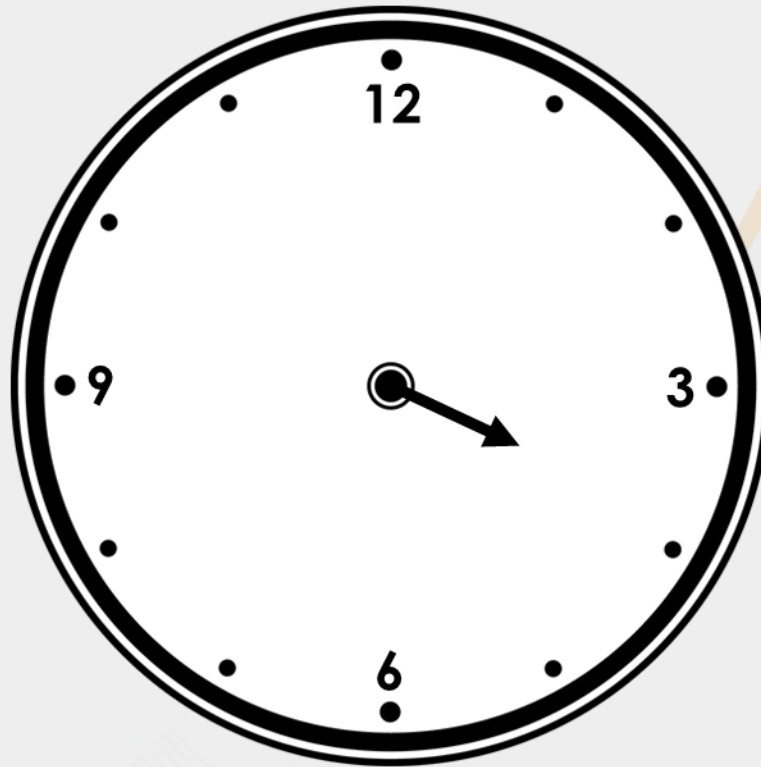
**Draw the missing hand on the clock
so that it reads twenty minutes to four.**

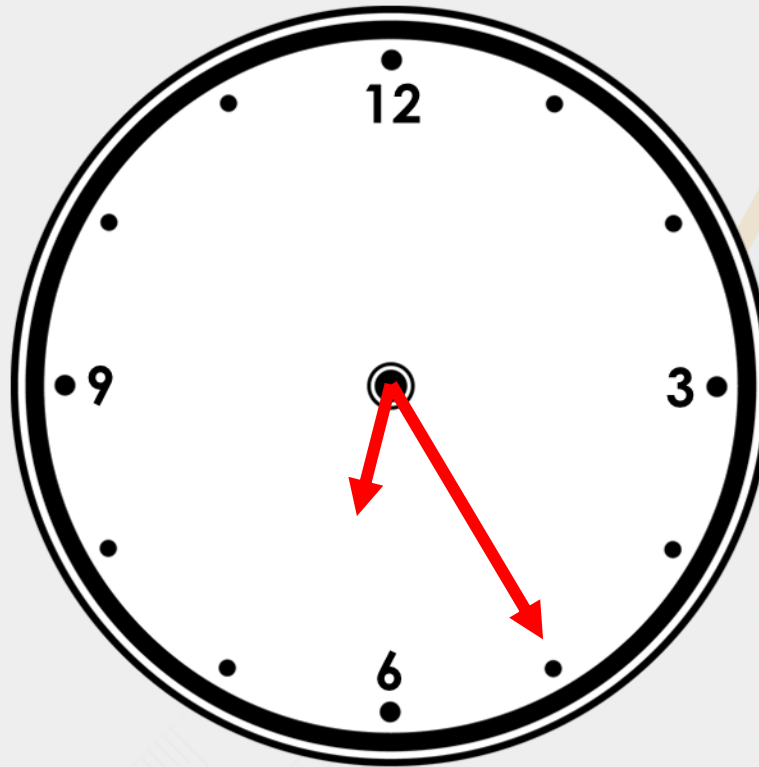## Draw the missing hand on the clock so that it reads twenty minutes to four.

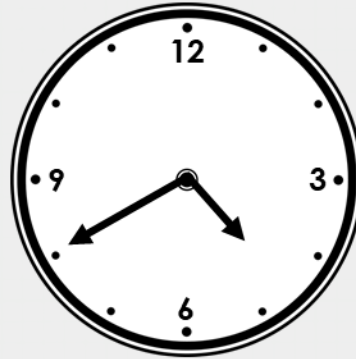# Draw hands on the clock so that it reads twenty-five minutes past six.

Draw hands on the clock so that it reads twenty-five minutes past six.

Find the odd one out.
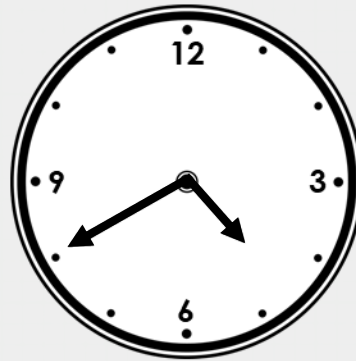

A.   Ten minutes to nine

B.   Twenty-five minutes past eight

C.   Twenty minutes to five

D.   Twenty minutes to four

Find the odd one out.

B   C   A

A.   Ten minutes to nine

B.   Twenty-five minutes past eight

C.   Twenty minutes to five

D.   Twenty minutes to four

- Complete white rose worksheet

Plenary

- Mark Worksheet

Concept: Time
Small Step: Telling
the time to 5 minutes

I have 3 monkeys and I buy 12 bananas. How many bananas will each monkey get?

If I buy 15 bananas, how many will each monkey get?...

How many bananas must I buy to give 9 to each monkey?

Fay and Nick are drawing twenty-five minutes past nine on a clock.

Fay says,

The minute hand will point at V.

Nick says,

The minute hand will point at IX.

Who is correct? Explain why.

Fay and Nick are drawing twenty-five minutes past nine on a clock.

Fay says,

The minute hand will point at V.

Nick says,

The minute hand will point at IX.

Who is correct? Explain why.

Fay is correct because…

Fay and Nick are drawing twenty-five minutes past nine on a clock.

Fay says,

> **The minute hand will point at V.**

Nick says,

> **The minute hand will point at IX.**

Who is correct? Explain why.

Fay is correct because the minute hand needs to point at the V or 5 for 25 minutes past. Nick is describing quarter to.

Yolanda is seeing a movie that starts at quarter past six.

What is the best time for her to arrive?

A   **B**   **C**

Explain why.

Yolanda is seeing a movie that starts at quarter past six.

What is the best time for her to arrive?

A   B   C

Explain why.

B because she will arrive 10 minutes before the film. She will be half an hour late if she gets there at quarter to seven (A) and too early if she gets there at half past three (C).

- Developing - Fill in clock faces
- Expected – Solving problems