# Home Learning Timetable
## Year 5CD Term 4 Week 1 – 22.2.21

| Session | Time | Hyperlink | Meeting ID | Password |
|---------|------|-----------|------------|----------|
| PE | 9.00am | https://www.youtube.com/c/TheBodyCoachTV/videos | ✗ | ✗ |
| Maths | 10.00am | https://zoom.us/j/99757155425?pwd=SEdrZFJKYnoyNVlvclduNGZuK25iUT09 – Mrs McGrath | 997 5715 5425 | 2VZava |
| English | 11.30am | https://zoom.us/j/98369223446?pwd=b0VMQkdiMURRVXhqSjhTS3Y0R3JmUT09 – Miss Hawtin | 983 6922 3446 | 96MRj9 |
| Afternoon Session | 2.00pm | Monday, Wednesday & Friday – Mrs McGrath https://zoom.us/j/96609061456?pwd=YnloSGRBZzRaSUg5WXY3amZFZWEvZz09 | 966 0906 1456 | D4cBd6 |
| | | Tuesday & Thursday – Miss Hawtin https://zoom.us/j/96108812286?pwd=MHprek01MkVsazdyeFJyWG8rdTJxUT09 | 961 0881 2286 | 1ef2Qx |

- PE Sessions will be Mondays, Wednesdays & Fridays.
- Maths, English and Afternoon Sessions will be each week day, unless stated otherwise.
- Please arrive on time to the sessions to avoid missing out. Place yourself in the waiting room five minutes before the lesson starts if you are able to.
- **Please ensure that your device is named as your first name and surname.**
- Record any work. This can then be photographed and emailed to your class teacher.
- The Garlinge PE team are providing videos and activities that can be done at home. Click this link and go to the PE & Sports tab to find out more: https://www.garlingeprimary.co.uk/home-school-learning

# Monday 22.2.21

## English

**Warm up**

Prepositions

Complete sentences with appropriate prepositions.

The man in the red suit ran …………..

The girl was living … France.

They returned….midnight.

We will have it finished…. Wednesday.
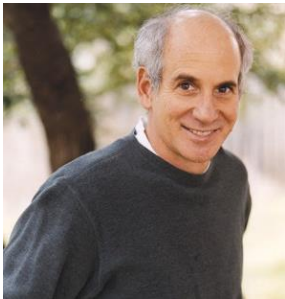
He gave her some perfume … France.

The cat… no whiskers meowed all the time.

They were burgled… the night.

She walked … the grass.

They went … the tower.

**Biography**



A biography is an account of someone's life written by someone else who has done their research and knows a great deal about a person. Today you will be completing some research into Louis Sachar including his personal life as well as his career.

Watch this link that explains how to write a biography. The link includes:
1. Two videos
2. A quiz
3. Three activities

https://www.bbc.co.uk/bitesize/articles/zbj3sk7

Once you have completed that scroll down to the resources section to complete the planning sheet for today. You could find out:
- Where was he born?
- His education
- Has he always been a writer?
- What was the book he wrote?
- Find out about his family

This website might help:

http://www.louissachar.com/about.html

## Maths

**Times Tables Practice** – Please practise the 6, 11 x tables as a warm up.



**Multiply 4 digit numbers by 1 digit.**

https://www.bbc.co.uk/bitesize/articles/zjy2xyc

Please open the link, this lesson includes:

A quiz

A learning summary

Please scroll down to Monday's Maths and complete the questions with workings out where needed.

## French

LI – To understand and pronounce food and drink in French.

https://www.bbc.co.uk/bitesize/topics/zjcbrj6/articles/zfmq4xs

This bitesize links has lots of vocabulary for different food and drink. Have a read through, listening and repeating the French pronunciation.

Task: Match the French food words to the English. Then, place the food in the 'j'aime' column if you like it and 'je n'aime pas' if you don't like the food.
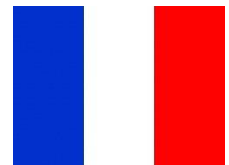
# Tuesday 23.2.21

## English

**Warm up**
**Rapid Writers**
Write everything you can about the topic below. You have 3 minutes.
How many words did you get?
Try again with a different topic.

**FORCE**

**Biography**
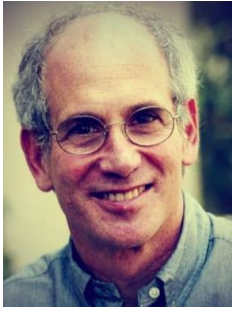


Today you are going to start writing an interesting biography on Louis Sachar. Please use your planning sheet to help you, as well as the useful websites that you have found.
Begin with an introduction and then use your sub-headings to organise your biography.

Top Tips
- Key events
- Sub-headings
- Past tense
- Third person

You may wish to include pictures too that you have found.

## Maths

<u>Warm up</u> – Count in multiples of 250 as far as you can.



**Multiplying 2 digits by 2 digits**
https://www.bbc.co.uk/bitesize/articles/z8fyhcw
Please open the link, this lesson includes:
A video
A worksheet
A game

Please scroll down to Tuesday's Maths and complete the questions with workings out where needed.

.

## Music

**LI** To learn about drums around the world.

Can you remember what is meant by the terms 'beat' and 'rhythm'? What is the difference between them? Look up these terms in a dictionary (hard copy or online) and see if you were right.

Not all drums are the same. How many different types of drum can you think of? You might like to do some research of you own to find out about some of the different types of drum that there are.



There are many different types of drum which are used in different countries and cultures all around the world.

Scroll down to find some video clips and questions for your activity today.

# Wednesday 24.2.21

## English

**Warm up**
PRONOUNS

These words take the place of nouns and are therefore called 'PRONOUNS'. Here are the most important ones in the singular. Can you work out the plurals?
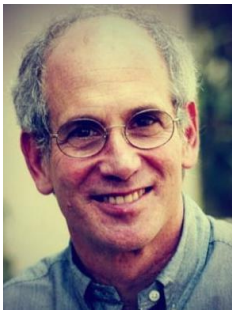
Singular

I, me

You

He, him, she, her, it

My, mine

Your, yours

His, her, hers, its

**Biography**

Today you are going to continue writing an interesting biography on Louis Sachar. Please use your planning sheet to help you, as well as the useful websites that you have found. Continue using sub-headings to organise your biography.
Top Tips
- Key events
- Sub-headings
- Past tense
- Third person

You may wish to include pictures too that you have found.

## Maths

**Warm up** – Write down all the multiples of 4 and 6

**Multiply 3 digits by 2 digits**
https://www.bbc.co.uk/bitesize/articles/z4chnrd
Please open the link, this lesson includes:
A video
2 activities
A slideshow

Please scroll down to Wednesday's Maths and complete the questions with workings out where needed.

## RE

**LI –** I can explain what a pilgrimage is and give examples from different religions.
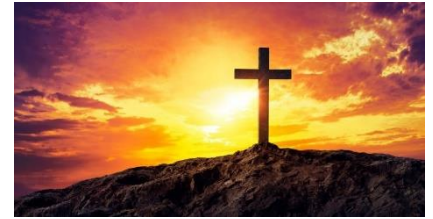
A pilgrimage is when people travel to a place of worship that is usually far away. They may have to go to a different city or country. Usually a pilgrimage is done for spiritual or religious reasons.

Task: Research the places on the sheet and decide why it is a place of pilgrimage. Then, research your own place in the UK and decide why that is a place of pilgrimage. If you cannot use the internet for your research, have a think and come up with your own ideas as to why these places may be a place of pilgrimage.

# Thursday 25.2.21

## English

### Warm up
Standard English

The grammar used in some dialects is different from the grammar of Standard English. It isn't wrong, just different. When you talk, especially when you talk to your friends, you use lots of expressions which are not Standard English. This is fine, but when you write, it's important to know what the Standard English grammar is. All the expressions below use non-Standard English. Look at these dialect expressions and see if you can give the Standard English equivalent.

- Where be he to?
- We was blue with cold.
- He'll be home while four o'clock.
- I were mad with him, I were.
- When I gets in I likes a nice cup of tea.
- I never done it.
- Me and my mate we sees him everyday.
- I likes them chocolate cakes.
- That's the man what I saw.

### Reading lesson
The London Eye Mystery by Siobhan Dowd.
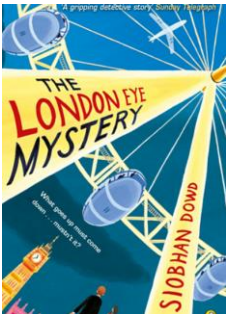


Access the lesson via the link below. There are two videos and extracts to read, as well as completing three activities.

https://www.bbc.co.uk/bitesize/articles/zmjjqp3

Extracts are in the resources section.

## Maths

**Warm up** – Write down all the factors of 108 and 56



### Multiply 4 digits by 2 digits
https://www.bbc.co.uk/bitesize/articles/z4chnrd
Please open the link, this lesson includes:
A video
2 activities
A slideshow

Please scroll down to Thursday's Maths and complete the questions with workings out where needed.

## History

**LI:** To know more about the indigenous people of America.

We are continuing with our topic 'the USA' this term. Today, we will learn more about Native Americans (people originating from North America).



Use these links to find out more:
https://kids.nationalgeographic.com/explore/native-americans/
https://www.dkfindout.com/uk/history/native-americans/

Scroll down below to read about totem poles and then create your own!
There are also instructions to show you how to make a dreamcatcher.

# Friday 26.2.21

## English

### Warm up
### Cool Analogies

1. **December** is to **winter** as **September** is to _____.

spring      cooler      school      autumn

2. **Good** is to **better** as **cool** is to _____.

cold            good                    cooler

warm

3. **Water** is to **liquid** as **ice** is to _____.

snow            freezing      solid

slippery

4. **Trade** is to **maid** as **cool** is to _____.

lower            chill                    neat

rule

5. **Milk** is to **refrigerator** as **ice-cream** is to _____.

flavours      scoop      frozen      freezer

6. **Fahrenheit** is to **thirty-two** as **Celsius** is to _____.

zero                  degrees      freezing

thermometer

7. **Rain** is to **drop** as **snow** is to _____.

flake            shovel      storm      white

### SPaG
### Using suffixes

Please open the link, this lesson includes:
Two videos
Four activities

https://www.bbc.co.uk/bitesize/articles/zvqn2v4

Please then scroll down to Friday's English resources to complete the sheet.

## Maths

**Warm up** – Write all the division facts for the 6 times table.

### Multiplying by 2 digits word problems
https://www.bbc.co.uk/bitesize/articles/z4chnrd
Please open the link, this lesson includes:
A video
2 activities
A slideshow

Please scroll down to Friday's Maths and complete the questions with workings out where needed.

.

## Story Time

Each week your teacher will choose a short story to read to you of their choice and this will be a lovely reading for pleasure time.

Task:
Grab a book.
Turn to page 12.
Write down the fifth sentence on the page.
Write three sentences to follow on from this sentence. You cannot use the ones in the book so make up three different sentences of your own!
Try to add adverbs and adjectives to make the sentences as descriptive as possible.

## Other activities for the week

Use the following link to practise your times tables  https://ttrockstars.com

Try watching Newsround each day
 https://www.bbc.co.uk/newsround/news/watch_newsround

Don't forget to visit the Garlinge Youtube channel for celebration assemblies, mindfulness activities, PE challenges and music activities: https://www.youtube.com/channel/UCTpC1PIeUTth2XOcddK16Ug

**Remember to read for Buster's Book Club every Wednesday.**

**Try to read at least 20 minutes - three times a week!**

## Monday maths

### Multiply 4-digits by 1-digit

**1** Complete the sentences to describe the multiplication.

| Th | H | T | O |
|----|----|----|----|

There are ☐ ones altogether.

There are ☐ tens altogether.

There are ☐ hundreds altogether.

There are ☐ thousands altogether.

$2{,}213 \times 3 =$ ☐

**2** Complete the multiplication.
Use the place value chart to help you.

| Th | H | T | O |
|----|----|----|----|
|    |    |    |    |
|    |    |    |    |
|    |    |    |    |
|    |    |    |    |

|   |   | 2 | 1 | 0 | 2 |
|---|---|---|---|---|---|
|   | × |   |   |   | 4 |
|   |   |   |   |   |   |
|   |   |   |   |   |   |

**3** A football stadium holds 2,214 people.

The stadium is full for 4 matches in a row.

What was the attendance for all 4 matches?

| Th | H | T | O |
|----|----|----|----|

|   |   | 2 | 2 | 1 | 4 |
|---|---|---|---|---|---|
|   | × |   |   |   | 4 |
|   |   |   |   |   |   |

The attendance for all 4 matches was ☐

**4** Nijah is calculating $2{,}430 \times 3$

She makes this place value chart to help her.

| Th | H | T | O |
|----|----|----|----|

She gets the answer 729

What mistake has Nijah made?

_____

_____

What is the correct answer?  ☐

**5** Complete the multiplications.

a) $3{,}126 \times 3 = \boxed{\phantom{000}}$   c) $4{,}132 \times 6 = \boxed{\phantom{000}}$

b) $4{,}812 \times 2 = \boxed{\phantom{000}}$   d) $1{,}502 \times 5 = \boxed{\phantom{000}}$

**6** Ron is working out $7{,}423 \times 0$

```
    7  4  2  3
×             0
    7  4  2  3
```

The answer is 7,423

Do you agree with Ron? _____

Did Ron have to use a column method? Is there a quicker way?

**7** Work out these multiplications.

$2{,}846 \times 2 = \boxed{\phantom{000}}$

$2{,}846 \times 4 = \boxed{\phantom{000}}$

$2{,}846 \times 8 = \boxed{\phantom{000}}$

What do you notice about the answers?

**8**

$248 \times 10 = 2{,}480$

Without using the formal method, how could you use this fact to calculate $248 \times 9$?

_____

_____

Check your answer using the formal method.

Which method was easier?

**9** Use each digit card once to write a multiplication.

| 1 | 2 | 3 | 4 | 5 |

How many different products can you find?

_____

_____

What is the closest product to 8,000?   $\boxed{\phantom{000}}$

© White Rose Maths 2019

## Challenge

### Spot the mistake

Alex and Dexter have both completed the same multiplication.

Alex

| H | T | O |
|---|---|---|
| 2 | 3 | 4 |
| × | | 6 |
| 1 | 2 | 0 | 4 |

(carries: 2  2)

Dexter

| H | T | O |
|---|---|---|
| 2 | 3 | 4 |
| × | | 6 |
| 1 | 4 | 0 | 4 |

(carries: 2  2)

Who has the correct answer?
What mistake has been made by one of the children?

_____

## Multiply 4-digits by 1-digit

White Rose Maths

**1** Complete the sentences to describe the multiplication.

| Th | H | T | O |
|---|---|---|---|
| ●● | ●●  | ● | ●●● |
| ●● | ●● | ● | ●●● |
| ●● | ●● | ● | ●●● |

There are [ 9 ] ones altogether.

There are [ 3 ] tens altogether.

There are [ 6 ] hundreds altogether.

There are [ 6 ] thousands altogether.

2,213 × 3 = [ 6,639 ]

**2** Complete the multiplication.

Use the place value chart to help you.

| Th | H | T | O |
|---|---|---|---|
| ●● | ● |  | ●● |
| ●● | ● |  | ●● |
| ●● | ● |  | ●● |
| ●● | ● |  | ●● |

|  |  | 2 | 1 | 0 | 2 |
|---|---|---|---|---|---|
| × |  |  |  |  | 4 |
|  |  | 8 | 4 | 0 | 8 |

**3** A football stadium holds 2,214 people.

The stadium is full for 4 matches in a row.

What was the attendance for all 4 matches?

| Th | H | T | O |
|---|---|---|---|
| ●● | ●● | ● | ●● ●● |
| ●● | ●● | ● | ●● ●● |
| ●● | ●● | ● | ●● ●● |
| ●● | ●● | ● | ●● ●● |

|  |  | 2 | 2 | 1 | 4 |
|---|---|---|---|---|---|
| × |  |  |  |  | 4 |
|  |  | 8 | 8 | 5 | 6 |
|  |  |  |  |  | 1 |

The attendance for all 4 matches was [ 8,856 ]

**4** Nijah is calculating 2,430 × 3

She makes this place value chart to help her.

| Th | H | T | O |
|---|---|---|---|
|  | ●● | ●●● | ●● |
|  | ●● | ●●● | ●● |
|  | ●● | ●●● | ●● |

She gets the answer 729

What mistake has Nijah made?

She hasn't put her counters in the correct column.

What is the correct answer? [ 7,290 ]

© White Rose Maths 2019

⑤ Complete the multiplications.

a) 3,126 × 3 = 9,378

c) 4,132 × 6 = 24,792

b) 4,812 × 2 = 9,624

d) 1,502 × 5 = 7,510

⑥ Ron is working out 7,423 × 0

```
    7  4  2  3
 ×           0
 ─────────────
    7  4  2  3
```

The answer is 7,423

Do you agree with Ron? No

Did Ron have to use a column method? Is there a quicker way?

⑦ Work out these multiplications.

2,846 × 2 = 5,692

2,846 × 4 = 11,384

2,846 × 8 = 22,768

What do you notice about the answers?

⑧

248 × 10 = 2,480

Without using the formal method, how could you use this fact to calculate 248 × 9?

248×9 = 248×10 − 248×1 = 2,480 − 248, = 2,232

Check your answer using the formal method.

```
      2  4  8
   ×        9
 ─────────────
   2  2  3  2
      4  7
```

Which method was easier?

⑨ Use each digit card once to write a multiplication.

| 1 | 2 | 3 | 4 | 5 |

How many different products can you find?

Various answers.

What is the closest product to 8,000?  8,270

## Challenge answer

Spot the mistake

Alex and Dexter have both completed the same multiplication.

Alex

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 4 |
| × | | | 6 |
| 1 | 2 | 0 | 4 |
| | 2 | 2 | |

Dexter

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 4 |
| × | | | 6 |
| 1 | 4 | 0 | 4 |
| | 2 | 2 | |

Who has the correct answer?
What mistake has been made by one of the children?

Dexter has the correct answer.

Alex has forgotten to add the two hundreds she exchanged from the tens column.

# Louis Sachar research

Where was he born?

His education

Has he always been a writer?

What was the book he wrote?

Find out about his family

Remember we are not looking for a finished piece of writing so you can note form and bullet points.
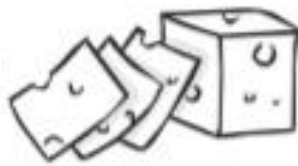
Monday French

# French Food Matching Worksheet

twinkl

Name: ........................................................ Date: ........................

Draw lines to match the French food words to the English words:

| | |
|---|---|
| le lait | chicken |
| le fromage | orange juice |
| le poulet | pasta |
| la glace | cheese |
| le yaourt | ice-cream |
| le pain | fish |
| le chocolat | milk |
| les pâtes | yoghurt |
| le jus d'orange | ham |
| le jambon | cake |
| le poisson | chocolate |
| le gâteau | bread |

# Foods I Like and Dislike

Trie les aliments en écrivant leur nom dans l'assiette de ton choix.

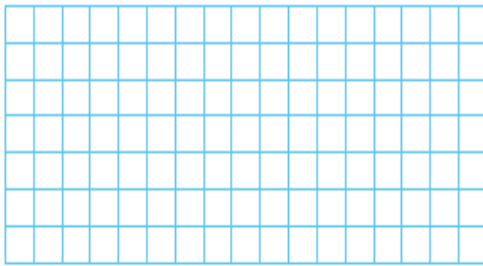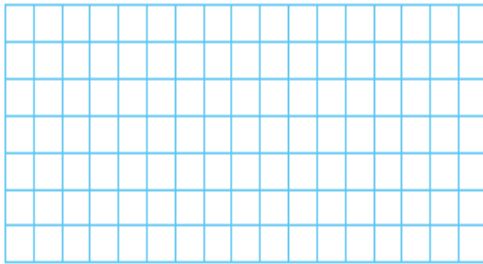les fraises les pommes les raisins l'ananas les bananes les oignons les poivrons

J'aime

Je n'aime pas

## Tuesday maths

**Multiply 2-digits by 2-digits**

White Rose Maths

**1** Complete the multiplications.

a) 6 × 6 = ☐

6 × 60 = ☐

d) 7 × 9 = ☐

7 × 90 = ☐

b) 12 × 8 = ☐

12 × 80 = ☐

e) 21 × 4 = ☐

21 × 40 = ☐

c) 32 × 3 = ☐

32 × 30 = ☐

f) 48 × 3 = ☐

48 × 30 = ☐

How did you work out your answers?

**2** Fill in the missing numbers.

a)

| | | 4 | 3 |
|---|---|---|---|
| × | | 1 | 3 |
| 1₁ | 2 | 9 | (43 × 3) |
| 4 | 3 | 0 | (43 × 10) |

c)

| | | | |
|---|---|---|---|
| × | | | |
| | 1 | 0 | 5 | (21 × 5) |
| | 4 | 2 | 0 | (21 × 20) |

b)

| | | 2 | 1 |
|---|---|---|---|
| × | | 1 | 6 |
| 1₁ | 2 | 6 | |
| 2 | 1 | 0 | |

( ☐ × ☐ )

( ☐ × ☐ )

**3** Mo is calculating 34 × 23
Here is his working.

```
      3  4
  ×   2  3
  1  0₁ 2
     6  8
  1  7  0
```

What mistake has Mo made?
What is the correct answer?
You may use the blank grid for your workings.

**4** Work out the multiplications.

a) 52 × 34 = ☐

c) 46 × 64 = ☐

b) 22 × 56 = ☐

d) 47 × 63 = ☐

**5** A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?

☐

**6** Here are two rectangles.

47 m

26 m

25 m

16 m
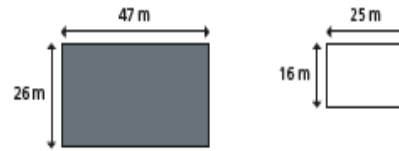
a) What is the area of this compound shape?

☐

b) What is the area of the shaded part?

☐

Compare methods and answers with a partner.
What is the same and what is different?

## Challenge

Amir has multiplied 47 by 36

|   |   |   | 4 | 7 |
|---|---|---|---|---|
| × |   |   | 3 | 6 |
|   | 2 | 8 | 2 |   |
|   | 1 | 4 | 1 |   |
|   | 3 | 2 | 3 |   |

Alex says,

Amir is wrong because the answer should be 1,692 not 323

## Multiply 2-digits by 2-digits

White Rose Maths

**1** Complete the multiplications.

a) $6 \times 6 =$ 36

$6 \times 60 =$ 360

b) $12 \times 8 =$ 96

$12 \times 80 =$ 960

c) $32 \times 3 =$ 96

$32 \times 30 =$ 960

d) $7 \times 9 =$ 63

$7 \times 90 =$ 630

e) $21 \times 4 =$ 84

$21 \times 40 =$ 840

f) $48 \times 3 =$ 144

$48 \times 30 =$ 1,440

How did you work out your answers?

**2** Fill in the missing numbers.

a)

|   |   | 4 | 3 |
|---|---|---|---|
|   | × | 1 | 3 |
| 1, | 2 | 9 | | (43 × 3) |
| 4 | 3 | 0 | | (43 × 10) |
|   | 5 | 5 | 9 |

b)

|   |   | 2 | 1 |
|---|---|---|---|
|   | × | 1 | 6 |
| 1, | 2 | 6 | | ( 21 × 6 ) |
| 2 | 1 | 0 | | ( 21 × 10 ) |
|   | 3 | 3 | 6 |

c)

|   |   | 2 | 1 |
|---|---|---|---|
|   | × | 2 | 5 |
| 1 | 0 | 5 | | (21 × 5) |
| 4 | 2 | 0 | | (21 × 20) |
|   | 5 | 2 | 5 |

**3** Mo is calculating 34 × 23
Here is his working.

|   |   | 3 | 4 |
|---|---|---|---|
|   | × | 2 | 3 |
| 1, | 0, | 2 | |
|   | 6 | 8 | |
| 1 | 7. | 0 | |

What mistake has Mo made?
What is the correct answer?
You may use the blank grid for your workings.

|   |   | 3 | 4 |   |
|---|---|---|---|---|
|   | × | 2 | 3 |   |
|   | 1 | 0 | 2 |   |
|   | 6 | 8 | 0 |   |
|   | 7 | 8 | 2 |   |

**4** Work out the multiplications.

a) 52 × 34 = `1,768`    c) 46 × 64 = `2,944`
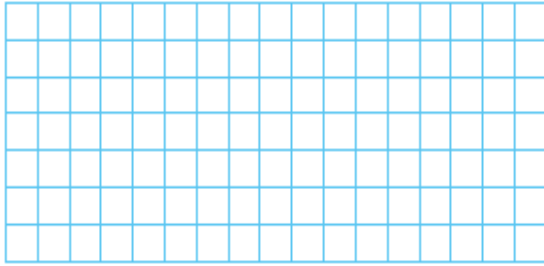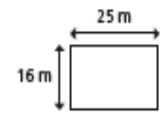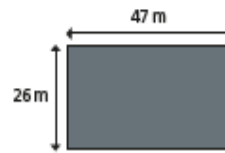
b) 22 × 56 = `1,232`    d) 47 × 63 = `2,961`
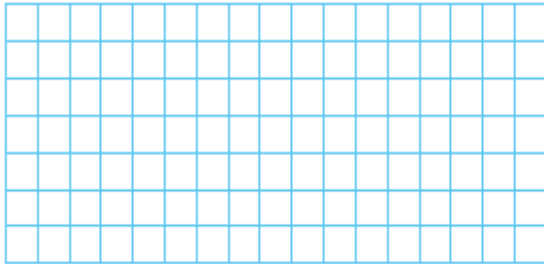
**5** A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?

`4,140`

**6** Here are two rectangles.

47 m

25 m

26 m    16 m

a) What is the area of this compound shape?
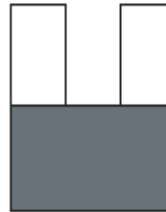
`2,022 m²`

b) What is the area of the shaded part?

`822 m²`

Compare methods and answers with a partner.
What is the same and what is different?

## Challenge answers

Amir has multiplied 47 by 36

|   |   | 4 | 7 |
|---|---|---|---|
| × |   | 3 | 6 |
| 2 | 8₄ | 2 |
| 1 | 4₂ | 1 |
| 3 | 2 | 3 |

Alex says,

Amir is wrong because the answer should be 1,692 not 323

Alex is correct. Amir has forgotten to use zero as a place holder when multiplying by 3 tens.

Watch the following clips.  For each video clip think about the following questions:

- Can you see the different types of drums being used?
- Can you identify the different sound each drum makes?
- Can you hear the beat?
- Can you spot the different rhythms that are being played over the beat?
- Do the rhythms play just once or are they repeated?
- Does everyone play all of the time?

From India: https://www.youtube.com/watch?v=xIUg2Y3Y2g4&feature=emb_title

From Malaysia: https://www.youtube.com/watch?v=qxjKlarNTJk

From Africa: https://www.youtube.com/watch?v=vbe_pBy9Z5o

From El Salvador: https://www.youtube.com/watch?v=A3o30YJiWsc

From the Notting Hill Carnival (London): https://www.youtube.com/watch?v=3EtIUuZsX5M

# Wednesday maths

## Multiply 3-digits by 2-digits

**1** Complete the multiplications.

a) 13 × 3 = ☐

   13 × 30 = ☐

b) 130 × 2 = ☐

   130 × 20 = ☐

c) 25 × 4 = ☐

   25 × 40 = ☐

d) 204 × 4 = ☐

   204 × 40 = ☐

**2** Complete the multiplications.

a)

```
      2  3  1
   ×     1  3
      6  9  3     (231 × 3)
   2  3  1  0     (231 × 10)
```

b)

```
         5  1  2
   ×        2  4
     2₂ 0  4  8
   1₁ 0  2  4  0
```

( ☐ × ☐ )

( ☐ × ☐ )

**3** Brett is calculating 216 × 23

```
         2  1  6
   ×        2  3
   6  4₁ 8  0
      4  3₁ 2
   6  9₁ 1  2
```

What mistake has Brett made?

What is the correct answer?

☐

**4** Complete the multiplications.

a) 142 × 31 = ☐

c) 214 × 53 = ☐

b) 337 × 46 = ☐

d) 24 × 183 = ☐

**5** Some children are asked to work out 308 × 19

a) Which is the best estimate to use to check their answers?

Circle your choice and work out the answer to your estimate.

300 × 10          300 × 20          310 × 20          300 × 19

estimate answer = ☐

b) Explain the reasons for your choice.

c) Here are answers given by three children.

| Nijah | 28,028 | | Filip | 5,852 | | Whitney | 2,080 |

From your estimate, who do you think is correct? _____

d) Work out the correct answer.

☐

e) What mistakes might the others have made?

**6** A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

☐

b) A field is 25,000 m².

How many football pitches could fit in it?

☐

**7** Write >, < or = to complete each statement.

a)   146 × 64 ◯ 164 × 46

135 × 53 ◯ 153 × 35

b) What do you notice?

Does this always happen?

**8** Miss Rose is ordering some pencils.

She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A          Pack B          Pack C

How many pencils does Miss Rose order?

☐

Each pencil costs 16p.

How much does Miss Rose spend on pencils?

☐

## Challenge

Here are examples of Dexter's maths work.

| | | | 9 | 8 | 7 |
|---|---|---|---|---|---|
| × | | | | 7 | 6 |
| | | 5 | ⁵9 | ⁴2 | 2 |
| | | 6 | ⁶9 | ⁴0 | 9 |
| | 1 | ₁2 | 8 | ₁3 | 1 |

| | | | 3 | 2 | 4 |
|---|---|---|---|---|---|
| × | | | | 7 | 8 |
| | | ₂ | ₁5 | ₃9 | 2 |
| | ₂ | ₁2 | ₂6 | 8 | 0 |
| | | 3 | 2 | 7 | 2 |

He has made a mistake in each question.

Can you spot it and explain why it's wrong?

Correct each calculation.

## Wednesday answers

### Multiply 3-digits by 2-digits

**1** Complete the multiplications.

a) $13 \times 3 =$ **39**

$13 \times 30 =$ **390**

b) $130 \times 2 =$ **260**

$130 \times 20 =$ **2,600**

c) $25 \times 4 =$ **100**

$25 \times 40 =$ **1,000**

d) $204 \times 4 =$ **816**

$204 \times 40 =$ **8,160**

**2** Complete the multiplications.

a)

```
      2  3  1
   ×     1  3
   ─────────────
      6  9  3     (231 × 3)
   2  3  1  0     (231 × 10)
   3  0  0  3
```

b)

```
         5  1  2
   ×        2  4
   ─────────────────
      2₂ 0  4  8
   1₁ 0  2  4  0
   1  2  2  8  8
```

( **512** × **4** )

( **512** × **20** )

**3** Brett is calculating $216 \times 23$

```
         2  1  6
   ×        2  3
   ─────────────────
      6  4₁ 8  0
      4  3₁ 2
   6  9₁ 1  2
```

What mistake has Brett made?

What is the correct answer?

**4,968**

**4** Complete the multiplications.

a) $142 \times 31 =$ **4,402**

c) $214 \times 53 =$ **11,342**

b) $337 \times 46 =$ **15,502**

d) $24 \times 183 =$ **4,392**

**5** Some children are asked to work out 308 × 19

a) Which is the best estimate to use to check their answers?

Circle your choice and work out the answer to your estimate.

300 × 10          300 × 20          (310 × 20)          300 × 19

estimate answer = 6,200

b) Explain the reasons for your choice.

c) Here are answers given by three children.

Nijah  28,028          Filip  5,852          Whitney  2,080

From your estimate, who do you think is correct? __Filip__

d) Work out the correct answer.

5,852

e) What mistakes might the others have made?

**6** A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

6,656 m²

b) A field is 25,000 m².

How many football pitches could fit in it?

3

**7** Write >, < or = to complete each statement.

a)  146 × 64  ( > )  164 × 46

135 × 53  ( > )  153 × 35

b) What do you notice?

Does this always happen?

**8** Miss Rose is ordering some pencils.

She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A          Pack B          Pack C

20          100

How many pencils does Miss Rose order?

697

Each pencil costs 16p.

How much does Miss Rose spend on pencils?

£111·52

## Challenge answers

Here are examples of Dexter's maths work.

|  |  | 9 | 8 | 7 |
|---|---|---|---|---|
| × |  |  | 7 | 6 |
|  | 5 | ₅9 | ₄2 | 2 |
|  | 6 | ₆9 | ₄0 | 9 |
| 1 | ₁2 | 8 | ₁3 | 1 |

|  |  | 3 | 2 | 4 |
|---|---|---|---|---|
| × |  |  | 7 | 8 |
|  | ₂₁5 | ₃9 | 2 |  |
| ₁2 | ₂6 | 8 | 0 |  |
| 3 | 2 | 7 | 2 |  |

He has made a mistake in each question.

Can you spot it and explain why it's wrong?

Correct each calculation.

In his first calculation, Dexter has forgotten to use a zero when multiplying by 7 tens. It should have been 987×76 = 75,012

In the second calculation, Dexter has not included his final exchanges.
324 × 8 = 2,592
324 × 70 = 22,680
The final answer should have been 25,272

**Wednesday RE**

# ★★ Christian Places of Pilgrimage in the UK

I can explain the role of pilgrimage in Christianity.

Research the following places of pilgrimage in the UK.

| Place | Why is it a place of pilgrimage? |
|---|---|
| Walsingham, England | |
| Iona, Scotland | |
| St David's Cathedral, Wales | |

Use the Internet to find one more place of pilgrimage in the UK.

| Place | Why is it a place of pilgrimage? |
|---|---|
| | |

**Thursday's maths**

**1** Complete the multiplication.

```
      1  2  3  4
  ×         2  1
  ────────────────
      1  2  3  4      (1,234 × ☐ )
   2  4  6  8  0      (1,234 × ☐ )
  ────────────────
```

**2** Tommy is calculating 1,234 × 26

a) Complete his working out.

```
        1  2  3  4
   ×          2  6
  ─────────────────
     7₁ 4₂ 0₂ 4       ( ☐ × ☐ )
  2  4  6  8  0        ( ☐ × ☐ )
  ─────────────────
```

b) Fill in the grid to check Tommy's working is accurate.
You may use place value counters to help.

| ×  | 1,000 | 200 | 30 | 4 |
|----|-------|-----|----|----|
| 20 |       |     |    |   |
| 6  |       |     |    |   |

**3** Rosie is calculating 2,541 × 42
Here is Rosie's working.

```
      2  5  4  1
  ×          4  2
  ─────────────────
     4₁ 0  8  2       (2,541 × 2)
     8₂ 0₁ 6  4       (2,541 × 40)
  ─────────────────
  1₁ 2  1₁ 4  6
```

a) Rosie has made two mistakes. What are they?

_____

_____

b) What is the correct answer?

☐

**4** Work out the multiplications.

a) 4,284 × 23          b) 2,142 × 46

What do you notice?

**5** A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

[ ]

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

**6** Work out 378 × 7 × 12

Show your method clearly.

[ ]

**7**

| 1 | 2 | 3 | 4 | 5 | 6 |

[ ][ ][ ][ ]
× [ ][ ]

a) Using all the digit cards, create 4 different calculations and work out the answer to each.

b) Write your answers in ascending order.

_____

c) What is the smallest product that can be made? [ ]

**8** Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points? _____

How many more? [ ]

## Challenge

Teddy has spilt some paint on his calculation.

|   |   | 2 |   | 6 | 9 |
|---|---|---|---|---|---|
| × |   |   | 2 |   |   |
|   | 2 | ₆2 | ₅9 | ₇5 | 2 |
|   | ₁5 | ₁7 | ₁3 |   | 0 |
|   | ₁ | 0 | ₁3 | 3 | 2 |

What are the missing digits?

What do you notice?

# Thursday's answers

## Multiply 4-digits by 2-digits

**White Rose Maths**

**1** Complete the multiplication.

|   |   | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| × |   |   |   | 2 | 1 |
|   |   | 1 | 2 | 3 | 4 |
|   | 2 | 4 | 6 | 8 | 0 |
|   | 2 | 5 | 9 | 1 | 4 |
|   |   |   |   | 1 |   |

(1,234 × **1**)

(1,234 × **20**)

**2** Tommy is calculating 1,234 × 26

a) Complete his working out.

|   |   | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| × |   |   |   | 2 | 6 |
|   | 7,| 4,| 0,| 4 |   |
|   | 2 | 4 | 6 | 8 | 0 |
|   | 3 | 2 | 0 | 8 | 4 |
|   |   | 1 | 1 |   |   |

( **1,234** × **6** )

( **1,234** × **20** )

b) Fill in the grid to check Tommy's working is accurate.
You may use place value counters to help.

| ×  | 1,000  | 200   | 30  | 4  |
|----|--------|-------|-----|----|
| 20 | 20,000 | 4,000 | 600 | 80 |
| 6  | 6,000  | 1,200 | 180 | 24 |

**3** Rosie is calculating 2,541 × 42
Here is Rosie's working.

```
        2  5  4  1
   ×          4  2
   4, 0  8  2     (2,541 × 2)
   8, 0, 6  4     (2,541 × 40)
 1, 2  1, 4  6
```

a) Rosie has made two mistakes. What are they?

<u>She hasn't correctly exchanged</u>
<u>She has multiplied by 4 not 40</u>

b) What is the correct answer?

106,722

**4** Work out the multiplications.

a) 4,284 × 23

|   |   | 4 | 2 | 8 | 4 |
|---|---|---|---|---|---|
| × |   |   |   | 2 | 3 |
|   | 1 | 2,| 8 | 5 | 2 |
|   | 8 | 5 | 6 | 8 | 0 |
|   | 9 | 8 | 5 | 3 | 2 |
|   |   | 1 | 1 |   |   |

b) 2,142 × 46

|   |   | 2 | 1 | 4 | 2 |
|---|---|---|---|---|---|
| × |   |   |   | 4 | 6 |
|   | 1 | 2 | 8 | 5 | 2 |
|   | 8 | 5 | 6 | 8 | 0 |
|   | 9 | 8 | 5 | 3 | 2 |
|   |   | 1 | 1 |   |   |

What do you notice?

© White Rose Maths 2019

**5** A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

98,424

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

**6** Work out 378 × 7 × 12

Show your method clearly.
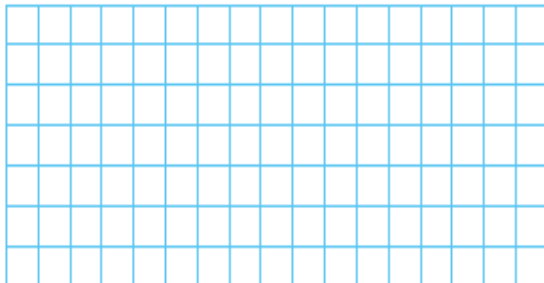
31,752

**7**

| 1 | 2 | 3 | 4 | 5 | 6 |

☐☐☐☐
× ☐☐
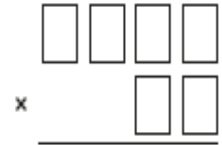
a) Using all the digit cards, create 4 different calculations and work out the answer to each.

Various answers.

b) Write your answers in ascending order.

_____

c) What is the smallest product that can be made?   31,928

**8** Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points?   Whitney

Amir: 56,160

Whitney: 60,288

How many more?   4,128

## Challenge answers

Teddy has spilt some paint on his calculation.

|   |   | 2 |  | 6 | 9 |
|---|---|---|---|---|---|
| × |   |   |   | 2 |  |
|   | 2 | ²⁶2 | ⁵9 | ⁷5 | 2 |
|   | ₁5 | ₁7 | ₁3 |  | 0 |
|   | ₁ | ₁0 | ₁3 | 3 | 2 |

The missing digits are all 8

What are the missing digits?

What do you notice?

## Thursday's English:

**Extract 1**

'Kat?' I said.

'What?'

What does it mean when something is up your street?'

'Huh?'

'Salim said The Tempest would be right up my street. He acted in it at school last term.'

Kat laughed. 'We've been reading it at school too. Mr Moynihan keeps making me read Miranda's part and she's such a … dishrag.'

I considered this. 'So it's not up your street?'

'No way.'

The pod was nearing one o'clock. 'What d'you think of Auntie Glo?' Kat asked.

I remembered what Dad said about her leaving a trail of devastation in her wake. Then I remembered how she'd said I was like Andy Warhol, a cultural icon. 'I don't know.'

'Me neither. I heard Dad say to Mum that Auntie Glo drives him bananas. And I found two empty bottles of wine on top of the fridge.'

In my mind's eye, Aunt Gloria turned into a motorist with driving goggles and a huge consignment of bananas in the back seat.

'You mean, she drives him bananas the same way I drive you nuts?' I said.

'Bananas. Nuts. Round the bend. Off your trolley. Whatever.'

She laughed and I joined in because it showed I knew what she meant even if I wasn't sure what was funny about Aunt Gloria making Dad feel insane.

Read **Extract 1** again and answer the following questions.

- What does Salim say is up Ted's street?
- Which part has Kat been reading in school? Do you think she enjoys it?
- What position is the pod at in this extract?
- Why did Ted laugh?
- Why is Ted unsure on his opinion on Aunt Glo?
- How does Aunt Glo make Dad feel? Use evidence from the text to back up your answer.
- In my mind's eye, Aunt Gloria turned into a motorist with driving goggles and a huge consignment of bananas in the back seat. Why did Ted get this image in his mind? Use evidence from the text to help explain your answer.

**Extract 2**

We walked over to where Mum and Aunt Gloria were having coffee. 'Let's lie,' hissed Kat.

'About taking that ticket from a stranger.'

She grabbed me by the wrist so hard it hurt.

'Lie,' I repeated. 'Hrumm. Lie.'

'We could say that Salim got lost in the crowds, that he—' She let my wrist go. 'Oh, forget it,' she said. 'I know telling a lie with you is useless. And stop doing that duck-that's-forgotten-how-to-quack look!'

We reached the table where Aunt Gloria and Mum sat talking up another storm. We stood by them in silence. A pounding started up in my ears, as if my blood pressure had shot up above normal, which is what Mum says happens to her when Kat drives her distracted.

'There you are,' Aunt Gloria said. 'Have you got the tickets?'

Kat waited for me to say something.

I waited for Kat to say something.

'Where's Salim?' asked Mum. 'Not still in the queue?'

'Hrumm,' I said. 'No.'

Mum looked as if Salim might be behind us. 'Where then?'
Read **Extract 2** again and think about the events that unfold.

- Return to the beginning of the extract and summarise the key points from the extract.
- What do you think about the extract? Do you like it? Give reasons for your answer.
- Predict what may happen next. What could of happened to Salim?

# Totem poles

Totem poles were built by about 30 Native American tribes living along the Northwest Pacific coast of North America. These wooden towers, carved with images of animals and symbols, were monuments expressing a family's status within a tribe. These people made a good living from fishing in the sea and in rivers teeming with salmon, as well as from hunting in nearby forests. This allowed them time to develop a unique form of art, the totem pole.

## TOTEM POLE ANIMAL & OBJECT SYMBOLISM

| | Animal | Description |
|---|---|---|
| | Beaver | Old, wise, builder, creative, artistic & determined, strong sense of family, builder of dreams |
| | Eagle | Ruler of the sky, great strength, leadership, prestige, divine spirit, connection to creator |
| | Frog | Spring & new life, communicator, stability, rich in life, survivalist, connection to water element |
| | Hawk | Strength, quick to assist when in need of help, messenger, stopper of time |
| | Owl | Wisdom, watchful, perseverance, respected, may be associated with death |
| | Raven | Credited for having tricked the owl and giving fire to man, putting the sun & moon in the sky and trees and rivers on land – tricky, mischievous & at times greedy |
| | Thunderbird | Caller of rain, mystical, leadership, known to make lightning and thunder with a blink of an eye or flap of its wings |
| | Whale | Hunter & commanding of the sea, family centered, wisdom, power, cleanser |
| | Wolf | Loyalty, success, perseverance, powerful, heals humans that are sick, teacher, pathfinder and survivalist |
| | Bear | Teacher, often misunderstood, welcome, friendly, strength, learned humility, motherhood |
| | Salmon | Provider, instinct, persistence, dependability & renewal, represents different clans, |

**Use these symbols to create your own totem pole on the template below.**
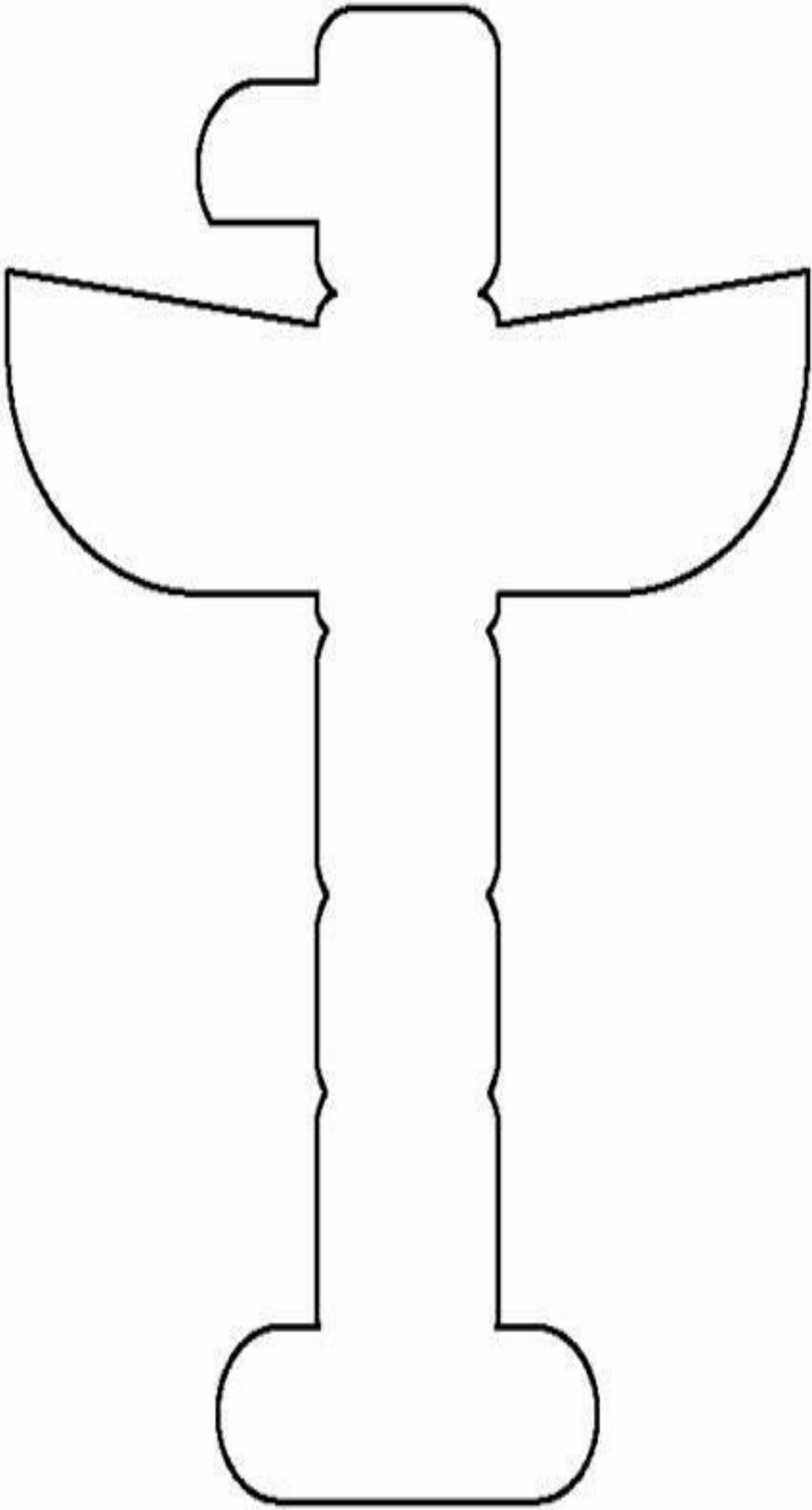
# Word Problems

Use a formal method to calculate the answers to these questions.

1. There are 15 biscuits in a packet. A shop orders 156 packets. How many biscuits will be in the 156 packets?

2. A school buys 172 boxes of pencils. Each box has 12 pencils. How many pencils has the school bought?

3. A wholesaler sells apples for 17p each. A grocer buys 197 apples. How much will they cost?

4. It takes 18 minutes to make a toy car. How many minutes will it take to make 205 cars?

5. A machine makes 16 dice in a minute. A working day is 264 minutes. How many dice are made in 264 minutes?

6. A cinema has 21 screens. Each screen has 297 seats. How many seats are there in the cinema?

7. Eggs are sold in trays of 24. In a week, a farmer sells 372 trays. How many eggs does he sell in one week?

8. A bag of nails contains 613 nails. A hardware store has 23 bags. How many nails are in the 23 bags?

9. There are 27 children in a class. Each child pays £7.49 for a school trip. How much do they pay altogether?

10. A football club has an average attendance of 859 people to each match. What is the total attendance for the 29 matches played in a season?

# Word Problems

Use a formal method to calculate the answers to these questions.

1. There are 17 biscuits in a packet and 3 packets in a box. A supermarket orders 15 379 boxes. How many biscuits will be in the 15 379 boxes?

2. A factory makes nine crates of 38628 pencils on each of the five working days of the week. How many pencils are made each week?

3. A wholesaler sells mangoes for 84p each. The wholesaler sells 13 330 mangoes in one week. How much money will the wholesaler receive for the mangoes?

4. It takes one hour less than 2 days for a satellite to go around the Earth. How many hours will it take for the satellite to go around the Earth 23 988 times? Calculate how many days and how many weeks this will be. Estimate the number of years this will be to the nearest year.

5. A machine makes 60 802 bottle tops in a week. In a 52-week working year, how many bottle tops are made in a year?

6. A cinema has an average weekly attendance of 24 356 people. The average ticket sales are £5 per ticket. What is the total income in a 13-week quarterly period?

7. Bags of potatoes contains an average of 33 potatoes. In a year, a farmer sells 58 716 bags. How many potatoes does she sell in one year?

8. A factory makes 63 957 nails each day. How many nails are made in January and February 2017, when the factory is open every day?

9. There are 22 children on a school visit to France. Each child pays £333.18 for the school visit. How much do they pay altogether?

10. A football club has an average attendance of 37 834 people to each match. What is the total attendance for the 28 matches played in a season?

# Word Problems **Answers**

Use a formal method to calculate the answers to these questions.

1. There are 15 biscuits in a packet. A shop orders 156 packets. How many biscuits will be in the 156 packets? **2340**

2. A school buys 172 boxes of pencils. Each box has 12 pencils. How many pencils has the school bought? **2064**

3. A wholesaler sells apples for 17p each. A grocer buys 197 apples. How much will they cost? **3349 £33.49**

4. It takes 18 minutes to make a toy car. How many minutes will it take to make 205 cars? **3690**

5. A machine makes 16 dice in a minute. A working day is 264 minutes. How many dice are made in 264 minutes? **4224**

6. A cinema has 21 screens. Each screen has 297 seats. How many seats are there in the cinema? **6237**

7. Eggs are sold in trays of 24. In a week, a farmer sells 372 trays. How many eggs does he sell in one week? **8928**

8. A bag of nails contains 613 nails. A hardware store has 23 bags. How many nails are in the 23 bags? **14 099**

9. There are 27 children in a class. Each child pays £7.49 for a school trip. How much do they pay altogether? **20 223 £202.23**

10. A football club has an average attendance of 859 people to each match. What is the total attendance for the 29 matches played in a season? **24 911**
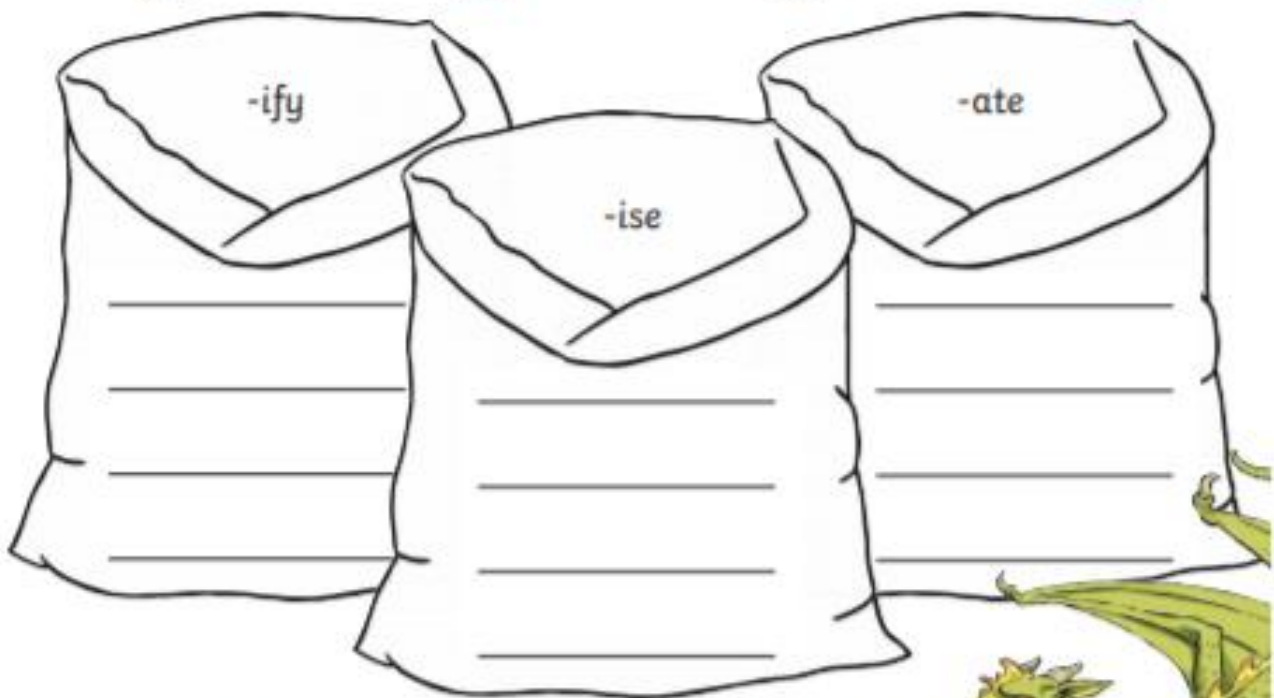
# Word Problems Answers

Use a formal method to calculate the answers to these questions.

1. There are 17 biscuits in a packet and 3 packets in a box. A supermarket orders 15 379 boxes. How many biscuits will be in the 15 379 boxes? **784 329**

2. A factory makes nine crates of 38628 pencils on each of the five working days of the week. How many pencils are made each week? **1 738 260**

3. A wholesaler sells mangoes for 84p each. The wholesaler sells 13 330 mangoes in one week. How much money will the wholesaler receive for the mangoes? **1 119 720 £11,197.20**

4. It takes one hour less than 2 days for a satellite to go around the Earth. How many hours will it take for the satellite to go around the Earth 23 988 times? Calculate how many days and how many weeks this will be. Estimate the number of years this will be to the nearest year. **1 127 436   46 976.5 days 6710 weeks 6.5 days 129 years**

5. A machine makes 60 802 bottle tops in a week. In a 52-week working year, how many bottle tops are made in a year? **3 161 704**

6. A cinema has an average weekly attendance of 24 356 people. The average ticket sales are £5 per ticket. What is the total income in a 13-week quarterly period? **1 583 140**

7. Bags of potatoes contains an average of 33 potatoes. In a year, a farmer sells 58 716 bags. How many potatoes does she sell in one year? **1 937 628**

8. A factory makes 63 957 nails each day. How many nails are made in January and February 2017, when the factory is open every day? **3 773 463**

9. There are 22 children on a school visit to France. Each child pays £333.18 for the school visit. How much do they pay altogether? **732 996  £7,329.96**

10. A football club has an average attendance of 37 834 people to each match. What is the total attendance for the 28 matches played in a season? **1 059 352**

# Suffix -ate, -ise, -ify

Guster the dragon is supposed to be organising his treasure by adding suffixes, but he has got all mixed up! Can you help him? For each root word, decide which suffix Guster should use and write the full word in the correct sack.
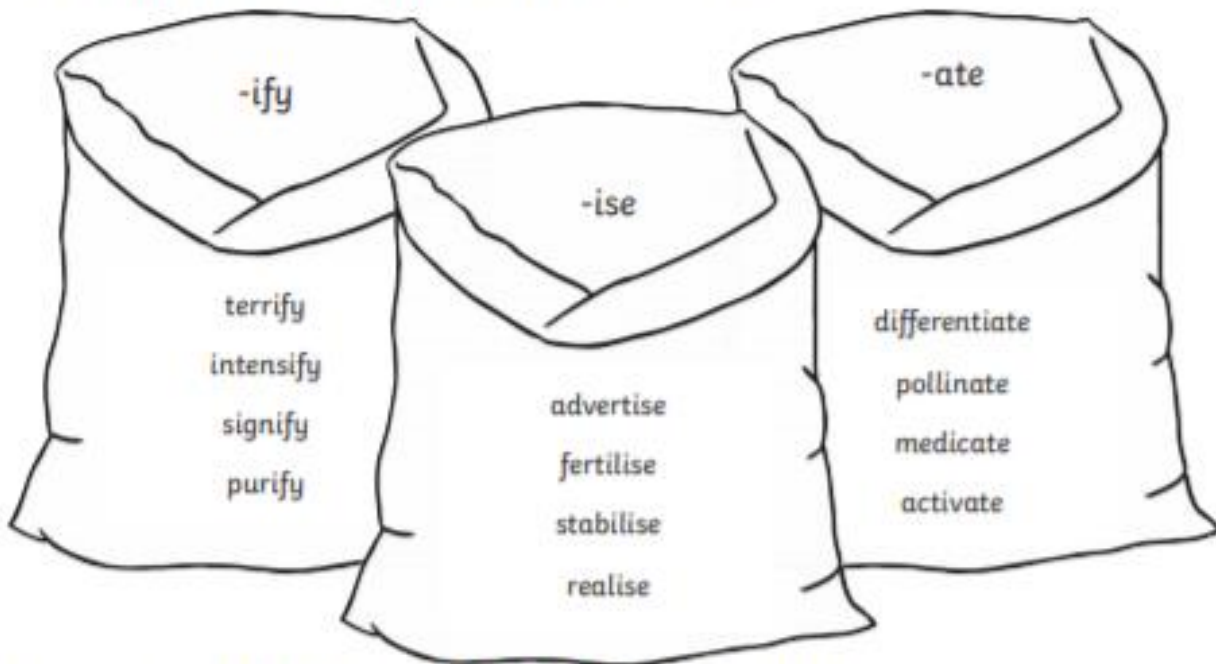
| | |
|---|---|
| terror | fertile |
| pollen | stable |
| advert | different |

| | |
|---|---|
| pure | medicine |
| reality | significance |
| intense | active |

-ify

-ise

-ate

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Choose two words from each sack and for each one, write what the word means. You could use a dictionary.

| Word | Meaning |
|---|---|
| | |
| | |
| | |
| | |
| | |

# Suffix –ate, -ise, -ify **Answers**

Guster the dragon is supposed to be organising his treasure by adding suffixes, but he has got all mixed up! Can you help him? For each root word, decide what rule Guster should follow to add the suffix and write the full word in the correct sack.

**-ify**

terrify

intensify

signify

purify

**-ise**

advertise

fertilise

stabilise

realise

**-ate**

differentiate

pollinate

medicate

activate

Choose two words from each sack and for each one, write what the word means. You could use a dictionary.

| Word | Meaning |
|---|---|
| terrify | cause to feel extreme fear |
| intensify | become or make stronger or more concentrated |
| signify | indicate; show |
| purify | remove dirt or contaminants from |
| advertise | describe or draw attention to something in order to sell it |
| fertilise | cause an organism to reproduce; make soil or land more fertile or productive by adding suitable substances to it |
| stabilise | make or become unlikely to give way or overturn |
| realise | become fully aware of; understand clearly |
| differentiate | explore or show the differences between things |
| pollinate | convey pollen to or deposit pollen on |
| medicate | administer medicine or a drug to |
| activate | make (something) active; turn on |