

## Year 4 English Comprehension Answers:

### **English Comprehension: Three Times the Pain**

**Purpose:** Newspaper article

#### Understanding the text

1. David Franks wrote the article.
2. The article is about triathlons.
3. There are three different sports involved – swimming/cycling/running.
4. The triathlons became an Olympic sport in 2000.

#### Looking at language

- 5a. The meaning of gruelling: involving a lot of continuous effort.
- 5b. The meaning of stamina: ability to work hard over a long period of time without getting tired.
- 5c. The meaning of vigorous: energetic.
- 5d. The meaning of determination: not letting anything stop you from what you want to do.
- 5e. The meaning of velodrome: special building with a track for cycle racing.
- 5f. The meaning of disciplines: type of sport.
- 6a. The meaning of the phrase soaring temperatures means temperatures that get very hot
- 6b. The meaning of the phrase purpose-built means built with a specific use in mind.
- 6c. The meaning of the phrase get into means becoming involved with.

#### Exploring the article

7. Accept answers that suggest that training for and competing in sport can be physically painful.
8. The total distance an athlete covers in a triathlon is 51.5 kilometres.
9. Adult to mark personal answers. Making sure children use P.E.E. to answer the text.
  - Point – make your point
  - Explain – explain what you mean
  - Evidence – use evidence from the text to support your answer
10. Accept answers that suggest readers would be interested in what an actual triathlete said about the sport.
11. Paragraph 1: swimming/cycling/running are demanding sport.  
Paragraph 2: asks reader to imagine doing all three.  
Paragraph 3: the swim.  
Paragraph 4: the cycle.  
Paragraph 5: the run.  
Paragraph 6: quotes from Luke Read who is a triathlete.
12. Accept individual answers that may suggest:
  - The athlete who is very good at all three disciplines.
  - The athlete who is strong in two and reasonable in another.
  - The athlete who can swim the fastest and so leave all the others behind
  - The athletic that can run the fastest and make up time lost.

## **Taking it further**

13. Adult to mark personal answers. Making sure children use P.E.E. to answer the text.

- Point – make your point
- Explain – explain what you mean
- Evidence – use evidence from the text to support your answer

## Year 4 English Comprehension: Webbo

### Story extract

#### Understanding the text

1. The main characters are Davy and Webbo.
2. Davy is narrating the story.
3. Webbo does not like the narrator because he dropped the ball and lost the rounders match.

Webbo does not like the narrator because he does not come from Liverpool.

4. The narrator didn't catch the ball because he closed his eyes.
5. The catch was so important because he would have won the match for Webbo's team.

#### Looking at language

- 6a. The meaning of vital: the most important.
- 6b. The meaning of triumph: victory.
- 6c. The meaning of scuppered: ruined.
- 6d. The meaning of grimaced: pulled a face.
- 6e. The meaning of demanded: insisted/asked firmly.
- 6f. The meaning of permission: being allowed to do something.
- 7a. The meaning of the phrase easier said than done it is often harder to do something than to talk about doing something.
- 7b. The meaning of the phrase something in common is having similarities.

#### Exploring the characters

8. Accept answers based on evidence:

Craig: 'grimaced sympathetically' / gives advice to Davy, 'try to keep out of Webbo's way'.

Carl: stopped Davy from walking away from Webbo.

9. Accept any two answers from: yelling/bawled/hissed/shouted/explained.
10. These synonyms tell us that Webbo is an aggressive, nasty character,
11. Accept answers that suggest the reader can understand why Webbo may be cross with Davy for dropping the ball, but he is wrong to dislike Davy just because he does not come from Liverpool.
12. Accept answers that suggest he is afraid of Webbo and nervous about what Webbo may do.
13. Craig advises Davy to keep out of Webbo's way. Adult to mark personal answers.  
Making sure children use P.E.E. to answer the text.
  - Point – make your point
  - Explain – explain what you mean
  - Evidence – use evidence from the text to support your answer

#### Taking it further

14. Adult to mark personal answers. Making sure children use P.E.E. to answer the text.
  - Point – make your point
  - Explain – explain what you mean
  - Evidence – use evidence from the text to support your answer

## English - Speech answers:

### Developing

1.

Lane, who liked to gossip, whispered, "I heard that the cake Sookie made was really  tasty."

2. True

3. Dean is correct. 'Congratulations' is direct speech because inverted commas are needed and the reporting verb 'told' has been used to show indirect speech.

### Expected

4.

Jason hated football and he made himself very clear. "I hate football! I never want to  play it again!" he screamed at his mother.

5. False. B is neither direct speech nor indirect speech.

6. Rory is not correct. He has underlined two pieces of direct speech. The indirect speech that 'Luke muttered that he wanted to finish it today' should have been underlined.

### Greater Depth

7.

Logan called out to Tristan to pass him the ball. "Logan, watch out!" yelled Tristan, as a  member of the opposite team came hurtling towards him. "He's behind you!"

8. True (A. Implied speech; B. Direct speech; C. Indirect speech)

9. Frank is correct. The indirect speech is implied through the linking word, and the direct speech is marked with inverted commas.

# Maths Answers:

## White Rose Multiplication and Division Activity answers:

### Year 4

## Multiplication and Division A

Name \_\_\_\_\_

**1** Georgia and Dan each have some counters.

Georgia's Counters

Dan's Counters

Write down a multiplication to work out how many counters Georgia has. or  $10 \times 3 = 30$

3

×

10

=

30

1 mark

Write down a multiplication to work out how many counters Dan has. or  $5 \times 3 = 15$

3

×

5

=

15

1 mark

How many counters do they have altogether?

45 counters

\_\_\_\_\_

  
1 mark

**2** Amir is working out  $37 \times 4$   
He uses place value counters to help him.

Work out  $37 \times 4$   
Show all your working.

148

1 mark

**3**

How many pens in total?

369 pens

\_\_\_\_\_

1 mark

**4** Work out the following multiplications.

$36 \times 8 = \underline{288}$

$215 \times 7 = \underline{1,505}$

2 marks

**5** Tina has £2,000  
She buys 6 new paintings.  
Each painting costs £259  
How much money does she have left?

1 mark for 6 paintings costing £1,554

£ 446

\_\_\_\_\_

2 marks

**6** Work out  $5 \times 797 \times 2 = \underline{7,970}$

Show or explain your method.  
E.g. I did  $5 \times 2$  first which is 10, the  
multiplied 797 by 10

2 marks

**7** Complete the missing numbers.

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

1 mark if 1 error has been made.

2 marks

**8** A small bag of sweets contains 15 sweets.  
A large bag of sweets contains 7 times as many as the small bag.  
Max buys 8 bags of each.  
How many sweets does he buy in total?

1 mark for working out that there are 105 sweets in a large bag.

960 sweets

\_\_\_\_\_

2 marks

Circle how confident you feel with multiplication.

1
2
3
4
5

Not confident
Very confident

# White Rose Week 3 Lesson 1 'Multiply 2-digit number by 1 digit number' answers:

## Multiply 2-digits by 1-digit



1 Brett uses a place value chart to work out  $5 \times 32$



Talk about Brett's method with a partner.

Complete the multiplication.

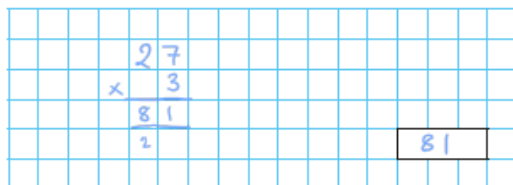
$5 \times 32 = \boxed{160}$

Use Brett's method to work out  $6 \times 34$

$6 \times 34 = \boxed{204}$



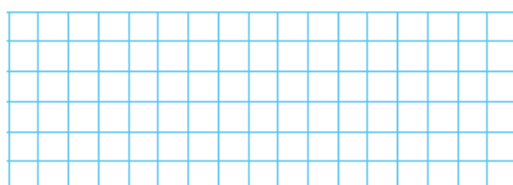
Use Dani's method to work out  $3 \times 27$



4 Use a written method to complete the multiplications.

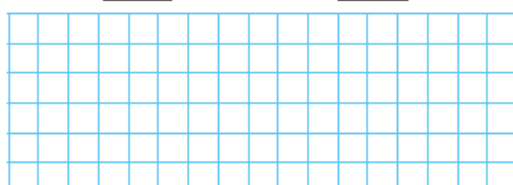
a)  $38 \times 6 = \boxed{228}$

c)  $45 \times 9 = \boxed{405}$

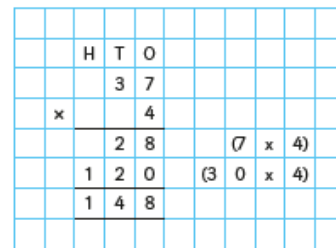


b)  $71 \times 3 = \boxed{213}$

d)  $52 \times 5 = \boxed{260}$

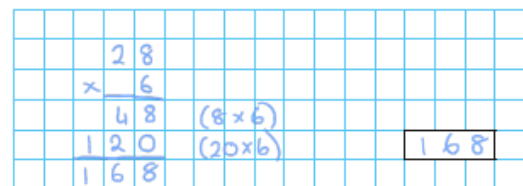


2 Rosie works out  $4 \times 37$  using a written method.



Talk about Rosie's method with a partner.

Use Rosie's method to work out  $6 \times 28$



3 Dani uses a different written method to work out  $8 \times 42$

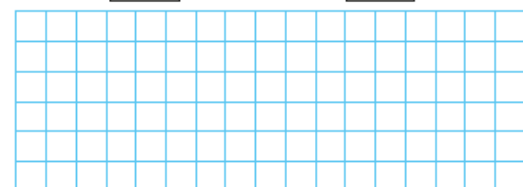


Talk about Dani's method with a partner.

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e)  $29 \times 8 = \boxed{232}$

f)  $17 \times 4 = \boxed{68}$



5 Class 4 is selling tickets for a play.

Tickets cost £5 per person.

56 tickets have been sold so far.

How much money has Class 4 collected?

$\boxed{£280}$

6 Rosie buys 8 bunches of flowers. Each bunch has 17 flowers.

How many flowers does she have altogether?

$\boxed{136}$

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# White Rose Week 3 Lesson 2 'Multiply 3-digit number by 1 digit number' answers:

## Multiply 3-digits by 1-digit



- 1 Filip uses a place value chart to help him multiply a 3-digit number by a 1-digit number.

| Hundreds | Tens  | Ones    |
|----------|-------|---------|
| 100      | 10 10 | 1 1 1 1 |
| 100      | 10 10 | 1 1 1 1 |
| 100      | 10 10 | 1 1 1 1 |

- a) What multiplication is Filip working out?

$$\boxed{124} \times \boxed{3}$$

- b) What is the answer to Filip's multiplication?

$$\boxed{372}$$

- 2 Use place value counters to complete the multiplications.

a)  $3 \times 213 = \boxed{639}$

d)  $6 \times 106 = \boxed{636}$

b)  $4 \times 216 = \boxed{864}$

e)  $4 \times 209 = \boxed{836}$

c)  $5 \times 106 = \boxed{530}$

f)  $317 \times 3 = \boxed{951}$

e)  $3 \times 240$

|   | H | T | O |
|---|---|---|---|
|   | 2 | 4 | 0 |
| x |   |   | 3 |
|   | 7 | 2 | 0 |
|   |   |   | 1 |

f)  $7 \times 131$

|   | H | T | O |
|---|---|---|---|
|   | 1 | 3 | 1 |
| x |   |   | 7 |
|   | 9 | 1 | 7 |
|   |   |   | 2 |

- 5 A lorry driver travels 156 km per day. How many kilometres will the lorry driver have travelled after 3 days?

$$\boxed{468 \text{ km}}$$

- 6 Ron and Teddy are working out  $5 \times 245$



Ron

I know the answer will be greater than 1,000 because I know  $5 \times 200$  is 1,000

I know the answer should end in 5 because I know  $5 \times 5$  is 25



Teddy

- a) Who is correct? Circle your answer.

Ron

Teddy

both

neither

- 3 Complete the multiplication.

Use the place value chart to help you.

| H       | T  | O     |
|---------|----|-------|
| 100 100 | 10 | 1 1 1 |
| 100 100 | 10 | 1 1 1 |
| 100 100 | 10 | 1 1 1 |

|   | H | T | O |
|---|---|---|---|
|   | 2 | 1 | 5 |
| x |   |   | 3 |
|   | 6 | 4 | 5 |
|   |   |   | 1 |

- 4 Complete the multiplications.

a)

|   | H | T | O |
|---|---|---|---|
|   | 2 | 1 | 7 |
| x |   |   | 4 |
|   | 8 | 6 | 8 |
|   |   |   | 2 |

d)

|   | H | T | O |
|---|---|---|---|
|   | 1 | 0 | 8 |
| x |   |   | 6 |
|   | 6 | 4 | 8 |
|   |   |   | 4 |

b)

|   | H | T | O |
|---|---|---|---|
|   | 4 | 3 | 9 |
| x |   |   | 2 |
|   | 8 | 7 | 8 |
|   |   |   | 1 |

d)  $163 \times 5$

|   | H | T | O |
|---|---|---|---|
|   | 1 | 6 | 3 |
| x |   |   | 5 |
|   | 8 | 1 | 5 |
|   |   |   | 3 |

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- b) Use a written method to work out  $5 \times 245$

$$\boxed{1225}$$

- 7 There are 7 year groups in a school. There are 112 children in each year group. How many children are there in the whole school?

$$\boxed{784}$$

- 8 A banana weighs 140 g  
A pineapple weighs 345 g



- Bag A contains 8 bananas and bag B contains 3 pineapples. Which bag weighs more and by how much? Show your working.

Bag A weighs  $\boxed{85}$  g more than bag B.

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# Problem One Answers

## Card tricks

Chico's cards are all different.  
There is a number from 1 to 8 on each card.



Chico has chosen four cards that add up to 20.  
What are they?  
There are seven different possibilities.  
Try to find them all.

What if Chico has three cards that add up to 16?

## Card tricks

Systematic working helps to make sure that all possibilities have been considered.

Four different cards with a total of 20 are:

|            |            |            |
|------------|------------|------------|
| 1, 4, 7, 8 | 2, 3, 7, 8 | 3, 4, 5, 8 |
| 1, 5, 6, 8 | 2, 4, 6, 8 | 3, 4, 6, 7 |
|            | 2, 5, 6, 7 |            |

Three different cards with a total of 16 are:

|         |         |         |         |
|---------|---------|---------|---------|
| 1, 7, 8 | 2, 6, 8 | 3, 5, 8 | 4, 5, 7 |
|         |         | 3, 6, 7 |         |

You could try other totals.

For example, four cards with a total of 18 are:

|            |            |            |
|------------|------------|------------|
| 1, 2, 7, 8 | 2, 3, 6, 7 | 3, 4, 5, 6 |
| 1, 3, 6, 8 | 2, 4, 5, 7 |            |
| 1, 4, 5, 8 |            |            |
| 1, 4, 6, 7 |            |            |

Explore the different totals that can be made with four cards. (It is possible to make any total from 10 to 26).



## Problem Two Answers

### Queen Esmerelda's coins

Queen Esmerelda had 20 gold coins.  
She put them in four piles.



- The first pile had four more coins than the second.
- The second pile had one less coin than the third.
- The fourth pile had twice as many coins as the second.

How many gold coins did Esmerelda put in each pile?

### Queen Esmeralda's coins

There were 7, 3, 4 and 6 coins in each pile.

The problem can be solved by trial and error.