Home Learning Pack

Year 5

Guidance and Answers

Week 1
20/04/2020

Classroom secrets

KIDS

Year 5 Week 1 Home Learning Pack – Guidance for Parents

This week's pack includes:

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Take a picture while you work through this booklet and tweet us **@ClassroomSecLtd** using the hashtags **#CSKids** and **#HomeLearningHero** to be in with a chance of winning a month's subscription to **classroomsecrets.co.uk**.

Extra support for parents:

Vocabulary Definitions
All the activities are designed to be accessed independently, but if you need to support your child there is a full list of definitions for vocabulary found within this pack on the next page.

Video Tutorials from Qualified Teachers
For further support and guidance try our video tutorials for your year group by clicking this link.

More Home Learning Packs
Weekly learning packs are now in production. Sign up to our mailing list to find out when they're ready by clicking here.

Other resources:

- Go to https://kids.classroomsecrets.co.uk/ for video tutorials by qualified teachers to support the maths in this pack as well as interactive games your child can play
- Access resources for all areas of Year 5 learning including activities just like the ones in this pack for just £4.83 for a full month on www.classroomsecrets.co.uk

Check out our daily timetable for Year 5 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Maths Vocabulary:

A **negative number** is a number less than zero. It can be represented on either a horizontal or vertical number line. A negative number is written with a minus sign in front of it. Example, -4

'**ones**' were known as units prior to the National Curriculum update in 2014.

Multi-step problems are maths problems that have more than one operation. An example may include both an addition and a subtraction.

Estimate is to make a sensible guess at what the answer could be. You usually estimate the answer by rounding the numbers to make the calculation easier. Another word for estimate is **approximate**.

A **multiple** is a product of one number multiplied by another number. For example, multiples of 10 are the products of numbers multiplied by 10.

A **sequence** is a series of numbers or images that follow a set pattern. For example they might increase by 2 each time.

A **factor** is one of two or more numbers that can be multiplied together to give a number. For example, the factors of 12 are; 1, 2, 3, 4 and 6.

A **product** is the answer when two numbers are multiplied together.

English Vocabulary:

A **pronoun** is a word that replaces a noun in a sentence. A **personal pronoun** takes the place of a person or object, such as him, her, it. A **possessive pronoun** indicates possession, such as his, hers, theirs. A **relative pronoun** refers back to a noun already mentioned in a sentence.

A **plural noun** refers to more than one noun. For example, 'buses' is the plural form of 'bus' as it refers to more than one. Most nouns have both a singular and a plural form.

A **possessive apostrophe** is used to show something belongs to someone or something.

Singular possessive shows possession using an apostrophe followed by an s, for example: the boy's football. Singular nouns which end in s follow the same rule, for example: the bus's wheel.

Plural possessive shows possession using an apostrophe after the s, for example: the girls' books.

Direct speech is shown by writing exactly what was spoken between inverted commas.

Inverted commas, also known as speech marks, go before and after direct speech in a sentence, for example "Watch out!" shouted the girl.

Indirect speech reports on what has been said without writing the speech in full. It can also be called reported speech.

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Negative Numbers

1. **From L-R: -15, -7, -4, -1, 12**
2. **31°C**
3. **A. -28; B. -23**
4. **Betty is incorrect because B should be pointing to -9.**
5. **Avneet is incorrect, as halfway between 19 and -17 is 1.**
6. **-£15**

Add and Subtract More Than 4 Digits

1. **A. 56,903; B. 56,907; C.54,646**
2. **37,968 + 42,041 = 80,009**
3. **Pirate Paul is correct. 41,942 – 20,568 = 21,374; 21,374 – 10,938 = 10,436; Pirate Paul is correct because 10,436 is 7 less than 10,443.**

Multi-Step Problems

Possible Combination	Amount of change
PC and Cruise **£2,579 + £5,999 = £8,578**	**£10,000 - £8,578 = £1,422**
PC and T.V. **£2,579 + £4,029 = £6,608**	**£10,000 - £6,608 = £3,392**
PC and Washer **£2,579 + £969 = £3,548**	**£10,000 - £3,548 = £6,452**
Cruise and T.V. **£5,999 + £4,029 = £10,028**	**–**
Cruise and Washer **£5,999 + £969 = £6,968**	**£10,000 - £6,968 = £3,032**
T.V. and Washer **£4,029 + £969 = £4,998**	**£10,000 – £4,998 = £5,002**

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Multiples

1. **6 and 36; 8 and 32; 9 and 27**
2. **False. The multiples of 8 are: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88 therefore, 81 is not a multiple of 8.**
3. **49, 70, 77, 84**
4. **Various answers, for example:**

Number	Multiples	
7	**28**	**63**
9	**81**	**99**
12	**24**	**48**
6	**42**	**54**

5. **22 and 44**
6. **The shaded numbers are multiples of 8 and the circled numbers multiples of 6 and 12.**
7. **Various answers, for example: 58 is the odd one out because it is not a multiple of 4.**

Factors

1. **(2, 8), (4, 4)**
The odd one out is (3, 6).
2. **False – 4 and 6 are not factors of 22.**
3. **4 and 6**
4. **3 and 9**
5.

7	**6**	42
4	**6**	24
28	36	

6. **A = 4, B = 5, C = 12, D = 24, E = 30**
7. **Tommy is incorrect. 16 has got 5 different factors: 1, 2, 4, 8 and 16**

Pronouns

1. **herself, they, us, them, she, him** and **everybody** – underlined; **Dad, Jerome, flies** and **brother** – circled.
2. a – they; b – herself; c – everyone.
3. Them and her circled. The correct pronouns to use would be they and she.
Carly has a large family that live all over the world. She lives in Brazil with her mum, dad and baby sister. <u>Them (should have used 'they')</u> are called Alice, Fred and Ellie. Carly's mum is a teacher. <u>Her (should have used 'She')</u> works at the local school in the reception class, helping the children learn to read and write.

Plural and Possessive

1. A and C
2. A. plural possessive ; B. singular possessive; C. plural noun
3. A) Lots of <u>movies</u> fail to make their money back.
B) The <u>child's</u> toys help her to learn <u>lots</u> of new skills.
C) A <u>goose's</u> wings can grow to be 1.5m wide.

Direct and Indirect Speech

1.

Direct Speech	Indirect Speech
"Definitely! I'll be there in ten minutes," replied Oscar. Alfie said, "Great! Don't forget to bring your new football."	Alfie's mum told him that he could invite a friend over. He rang Oscar and asked him if he wanted to play in the garden.

2.
Isabelle asked Mr Jones to help her during their Maths lesson. He smiled at her
☐   ☐

and said, Of course. What do you need help with?
☑   ☑

I don't understand how to solve the word problem, she responded. Mr Jones
☑   ☑

suggested that she get some counters and a place value grid.
☐   ☐

3. **The second sentence is the odd one out because it contains direct speech. The other sentences contain indirect speech.**