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Home Learning Pack Year 5

Week 1
20/04/2020

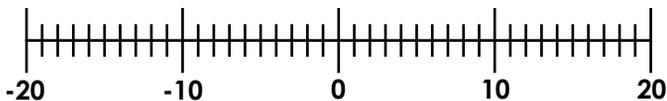


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Negative Numbers

1. Draw a line to match the numbers below to the correct place on the number line.

12 -15 -1 -4 7

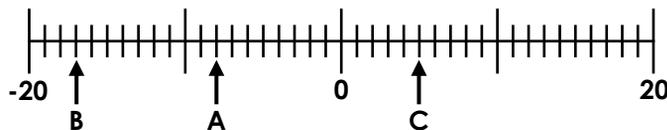


4. Betty has recorded each answer to the questions below on the number line.

A. Fifteen less than seven

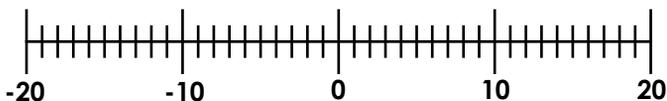
B. 4 more than negative 13

C. -4 add 9

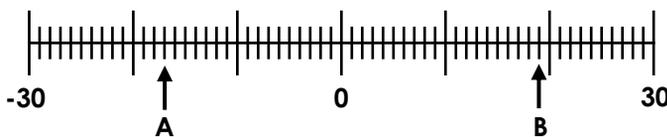


Is she correct? Explain your answer.

2. If the temperature in Leeds is 18°C and the temperature in Helsinki is -13°C , what is the difference between the two temperatures? Use the number line to help.



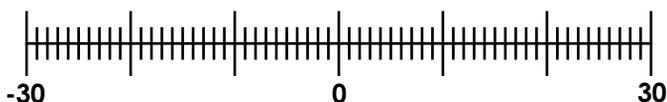
5. Avneet thinks that the number that lies halfway between A and B is 2. Is he correct? Prove it.



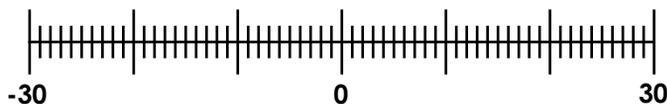
3. Circle the smallest number in each set of data and mark them on the number line below with an arrow.

A. -28 30 -21 17 -10 28

B. 9 21 -17 -23 29 -21



6. Hanin had £23 in her bank account. On Wednesday, she spent £16. On Thursday, she paid a £22 electricity bill. How much money does Hanin have in her bank account now?



Add and Subtract More Than 4 Digits

1. Match the correct answers to the additions shown below.

A.

	3	1	1	3	4
		2	5	6	3
+	2	3	2	0	6
<hr/>					

B.

	4	7	5	4	0
+		9	3	6	7
<hr/>					

C.

		2	9	5	7
	5	1	3	3	8
+			3	5	1
<hr/>					

56,903

54,466

54,646

56,907

2. Makkan is thinking of this 5-digit number.

37,968



If I add 42,041 to this number, what number will I make?

3. A pirate ship is loaded with 41,942 gold coins, and sets sail.

A storm hits the ship and 20,568 gold coins are swept into the ocean. 10,938 gold coins are then stolen before the pirate ship manages to reach its destination. Pirate Paul says,

By the end of the journey, there will be less than 10,443 gold coins left!



Pirate Paul

Is he correct? Explain how you know.

Multi-Step Problems

Emma was delighted when she won £10,000 on the lottery. She decided to go on a shopping spree. On her way out of the last shop, she dropped some receipts.

Below are some receipts that were on the floor, but only two of them are Emma's.

PC Land		
2.3.4.5 HX		
23.5.19		
Cashier: Amir		
QTY	DESC	AMT
1	PC	£2,579

Timmy Cook		
4.7.6.5 HX		
23.5.19		
Agent: Jules		
QTY	DESC	AMT
1	Cruise	£5,999

Korrays		
1.7.4.9 BD		
23.5.19		
Assistant: Helen		
QTY	DESC	AMT
1	T.V.	£4,029

HARGUS		
5.7.2.0 BD		
23.5.19		
Sales Clerk: Anders		
QTY	DESC	AMT
1	Washer	£969

What are the possible combinations that she bought, and how much change does she have left over from her £10,000 for each one?

<u>Possible Combination</u>	<u>Amount of change</u>

Multiples

1. Match the number to its multiple.

Number	Multiple
6	27
8	36
9	32

2. True or false? Prove it.

81 is a multiple of 8.

3. Complete the sequence of multiples below.

42 56 63

4. Fill in the table below with two possible multiples for each number.

Number	Multiples	
7		
9		
12		
6		

5. Alex is thinking of a number.



My number is a multiple of 11 and 2. It is even and between 20 and 50.

What could his number be?
Find all the possible answers.

6. Below is a section of a hundred square.

62	63	64
72	73	74
82	83	84

Why are some of the numbers shaded?
Why do some of the numbers have circles around them?

7. Which is the odd one out?
Explain how you know.

12 64 16
32 58
40 72

Factors

1. Draw lines to match the factor pairs of 16. Which pair is the odd one out?

4

6

3

8

2

4

2. True or false? All of these numbers are factors of 22.

4

1

22

2

6

11

3. Circle the numbers that are NOT factors of 14.

7

1

4

6

14

2

4. Complete the missing factors of 27.

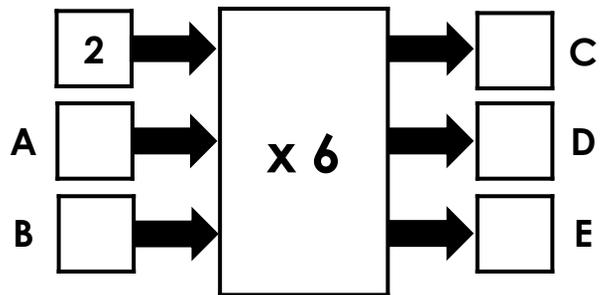
1

27

5. Complete the .

		42
4		24
28	36	

6. Three factors are put into the machine below. Use the clues to work out what the missing factors and products could be.



D is double C.

B is an odd number.

E is bigger than D but smaller than 40.

7. Class 5 have been finding factors.

Tommy says,



The number 16 has got six different factors.

Is he correct? Prove it.

Pronouns

1. Underline the pronouns and circle the nouns.

Dad

Jerome

herself

they

us

them

flies

she

him

brother

everybody

2. Match the appropriate pronoun to replace the underlined nouns in the sentences below.

a. After dark, James and his friends went for a stroll. James and his friends stumbled upon an old, abandoned mine.

herself

b. Mae finished her cereal and poured Mae a cup of fresh, orange juice.

everyone

c. The children laughed when Sam told his joke about the elephant and the kangaroo.

they

3. Abdullah has included pronouns in the paragraph below to avoid repetition.



Carly has a large family that live all over the world. She lives in Brazil with her mum, dad and baby sister. They are called Alice, Fred and Ellie. Carly's mum is a teacher. Her works at the local school in the reception class, helping the children learn to read and write.

Circle the pronouns Abdullah has used incorrectly. Which pronouns should he have used?

Plural and Possessive

1. Put an 'X' next to the sentences that use a possessive apostrophe correctly.

A. The dogs' bones were all buried in the garden to make a game for them to play.

B. Some monster's can actually be friendly towards human's.

C. Our hamster's wheel is very noisy and wakes me up at night when he uses it.

2. Match the sentences to the correct box.

A. The pupils' homework needs to be handed in on Monday.

plural noun

B. The dolphin's brain is the second most complex in the animal kingdom after ours.

singular possessive

C. We have many different computer games.

plural possessive

3. Katie has written the sentences below. She has used plural nouns and possessive apostrophes incorrectly. Rewrite each sentence, correcting her mistakes.

A. Lots of movies' fail to make their money back.

B. The childs toys help her to learn lot's of new skills.

C. A gooses' wings can grow to be 1.5m wide.

Direct and Indirect Speech

1. Write the sentences from the paragraph into the correct section of the table.

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.

"Definitely! I'll be there in 10 minutes," replied Oscar.

Alfie said, "Great! Don't forget to bring your new football."

Direct Speech	Indirect Speech

2. Put crosses to show where inverted commas are missing in the paragraph below.

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. Which sentence in the paragraph below is the odd one out?

Marvin ordered his assistant, Jeff, to get a new chair for his office. "It's so uncomfortable!" he complained. Jeff showed him the furniture catalogue and asked him to choose the one that he wanted.

Explain your reasoning.