

Numeracy week 8 Monday 1st March 2021

E, P and M I am back to school on Monday working with First and Second until 1.35 each day.

I will only be able to do 1 Zoom with you on a Tuesday at 2 o'clock.

Time: Tuesday Mar 2, 2021 02:00 PM

Meeting ID: 960 6764 2642

1. WARMING UP!!!!

1	Helena has 18 stickers and Marvin has 71 stickers. How many do they have altogether?	
2	What is 17 less than 60?	
3	It took Jack 58 minutes to complete the race and took Jerry 37 minutes. How much quicker was Jerry?	
4	What is 130 subtract 90?	
5	It is 2009. What year will it be in 15 years' time?	
6	On Monday the temperature was 34 degrees. On Tuesday it was 28 degrees. How much hotter was it on Monday?	
7	What is 5 plus 7 plus 6?	
8	What is $20 + 40 + 30$?	

9	Mary is 98 years old. Her daughter is 77. How much older is Mary than her daughter?	
10	What is 67 less than 100?	

2. LOGIC PROBLEMS:

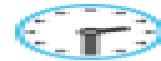
1. Charlie had 10 pancakes. Katie had 2 pancakes more than Charlie, and Chloe had 3 more pancakes than Katie. How many pancakes did Chloe have?
2. Harry bought 5 candies. Françoise bought 2 fewer than Harry. James bought 4 more than Françoise. How many candies did James buy?
3. Samuel read 15 books over the summer. Asher read 4 fewer books than Samuel, and Rosalie read 7 more books than Asher. How many books did Rosalie read?
4. Augusto had 20 peanuts. Olivia had 10 more peanuts than Augusto. Zane had 5 fewer peanuts than Olivia. How many peanuts did Zane have?
5. Micah is 17 years old. Tess is 3 years younger than Micah. Roye is 5 years older than Tess. How old is Roye?

3. A MATTER OF TIME:



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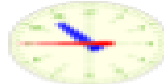
- Katia went to the library at 3:45 p.m. and left at 7:45 p.m. How long was she at the library?
- Harry went to a concert that started at 2:30 p.m.



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It ended at 4:00 p.m. How long was the concert?

- Jojo went to the park at 10:45 a.m. and left at 12:00 p.m.



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How long was he at the park?

- Marcello went to see a movie at the theatre that was 1 hour and 45 minutes long.



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It started at 6:00 p.m. What time did it end?

- It started snowing outside at 5:30 p.m. It stopped snowing at 6:45 p.m.



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How long did it snow?

4. PLACE VALUE:

1. Find one more and one less of the following numbers.

One less	Number	One more
	15	
	23	
	46	

	27	
	55	
	246	
	73	
	232	
	632	
	112	
	33	
	467	
	71	
	1,099	

2. Complete the following number sequences.

1. 2, 4, 6, 8, 10, , , , , ,
2. 5, 9, 13, 17, , , , , ,
3. 5, 15, 25, 35, , , , , ,
4. 2, 102, 202, 302, , , , , ,
5. 50, 100, 150, 200, , , , , ,
6. , , , , , 18, 21, 24, 27
7. , , , , , 36, 42, 48, 54
8. 3, 7, 11, 15, , , , , ,
9. 80, 70, 60, 50 , , , , ,
10. 110, 115, 120, 125, , , , , ,
11. 25, 50, 75, 100, , , , , ,
12. 4, 54, 104, 154, 204 , , , , ,

4. Top Speed Table

Car	Speed
Lamborghini Diablo	203mph
Porsche 9FF	256mph
McLaren F1	220mph
Audi R8	198mph
Ferrari F50	234mph

1. Write the order from slowest top speed to highest.

Car	Speed

2. What is the difference in top speeds between the fastest and slowest car?



	
<p>Ferrari F430 Spider €84 990</p>	<p>Ferrari 308 €11 995</p>
	
<p>Ferarri California €79 995</p>	<p>Ferarri Mondial Quattrovalvole €39 000</p>

3. All of these cars are up for sale. Say the prices to your Mam/Dad. Did you say them correctly?
 - a. Which is the cheapest?
 - b. Which is the most expensive?
 - c. If you had €50 000 to spend which cars could you choose from?
 - d. What is the 4 worth in the price of the Ferrari Spider?
 - e. What is the 7 worth in the price of the Ferrari California?

5. FRACTIONS:

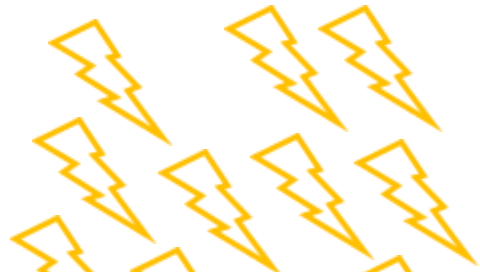
To find **half** of an amount we split the group into **two equal** groups.

Colour in $\frac{1}{2}$ of each group and then complete the number sentence.



$$\frac{1}{2} \text{ of } 6 =$$

$$\frac{1}{2} \text{ of } 8 =$$



$$\frac{1}{2} \text{ of } 10 =$$

$$\frac{1}{2} \text{ of } 12 =$$

If we know our 2 times table and doubles, this will help us with halving numbers. Practise the calculations below.

$2 \times 1 =$	$2 \times 7 =$
$2 \times 2 =$	$2 \times 8 =$
$2 \times 3 =$	$2 \times 9 =$
$2 \times 4 =$	$2 \times 10 =$
$2 \times 5 =$	$2 \times 11 =$
$2 \times 6 =$	$2 \times 12 =$

Double 3 =
Double 4 =
Double 5 =
Double 6 =
Double 7 =
Double 8 =
Double 9 =

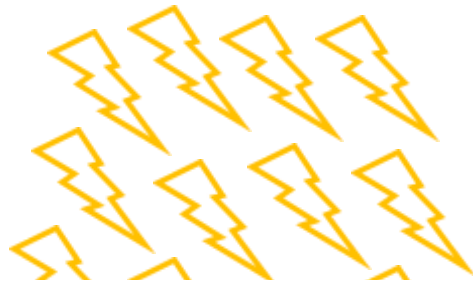
To find a quarter of an amount we split the group into **four equal** groups.
Colour in $\frac{1}{4}$ and then complete the number sentence.



$$\frac{1}{4} \text{ of } 4 =$$



$$\frac{1}{4} \text{ of } 8 =$$



$$\frac{1}{4} \text{ of } 16 =$$

$$\frac{1}{4} \text{ of } 12 =$$

If we know our 4 times table, this will help us with quartering numbers.
Practise the calculations below.

$$4 \times 1 =$$

$$4 \times 7 =$$

$$4 \times 2 =$$

$$4 \times 8 =$$

$$4 \times 3 =$$

$$4 \times 9 =$$

$$4 \times 4 =$$

$$4 \times 10 =$$

$4 \times 5 =$

$4 \times 11 =$

$4 \times 6 =$

$4 \times 12 =$

6. DIVIDING OUT!

- Ms. Bran brought 4 evenly divided boxes of muffins to class. There are 36 muffins altogether.

How many muffins are in each box?



- Pookie's Pet Store has 24 tropical fish. They keep 3 fish in each tank. How many fish tanks are there?



- Sally divided her 48 spools of thread evenly into 6 boxes. How many spools of thread did she put in each box?



- Ivan scooped 16 scoops of ice cream evenly onto 8 cones. How many scoops of ice cream are on each cone?



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- Chris has 28 cactus plants.
He keeps his cactus plants in even rows of 7.
How many cactus plants are in each row?

- There are 50 toes in the swimming pool.
Each person has 10 toes.
How many people are in the pool?



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7. ADD THE NUMBERS:

256	367	476	578	189	257
<u>+239</u>	<u>+129</u>	<u>+326</u>	<u>+299</u>	<u>+457</u>	<u>+388</u>

167	534	333	597	418	165	743
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+276

+245

+458

+222

+275

+576

+158