

Numeracy Week 7 Monday 22nd February 2021.

This is our work for the coming week girls and I will speak to you on Monday and Friday.

PLEASE REMEMBER THAT OUR ZOOM TIMES HAVE CHANGED TO ACCOMMODATE LONGER SESSIONS AND CAN ONLY BE ACCESSED BY ENTERING THE MEETING ID INTO THE ZOOM APP. THIS IS DUE TO INCREASED SECURITY MEASURES. THE PASSWORD WHICH IS ALWAYS THE SAME WILL BE SENT TO YOUR FAMILY EMAIL/PHONE.

Time: Monday Feb 22, 2021 12:30 PM

Meeting ID: 957 3288 2224

Time: Friday Feb 26, 2021 12:30 PM

Meeting ID: 965 0634 3666

1. Number Detective:

Find the missing numbers in the tables below.

1	8	+		=	15
2		-	19	=	13
3	43	-		=	27
4		-	16	=	14
5	7	-		=	2
6	19	+	24	=	
7	26	-		=	13
8	90	-		=	35
9	26	-		=	12
10		+	19	=	30
11	21	+		=	40
12		+	86	=	100
13	31	+		=	50

21	13	+	12	=	
22		+	16	=	50
23	20	-		=	7
24		-	61	=	9
25		+	17	=	30
26	44	-		=	22
27		-	21	=	20
28	13	+		=	25
29		+	6	=	16
30	12	+	19	=	
31	17	-	14	=	
32		-	50	=	55
33	90	+		=	97

14	80	-	=	25
15		-	43	= 20
16		-	60	= 20
17	56	+	=	70
18	3	+	=	14
19		+	15	= 30
20	20	-	=	4

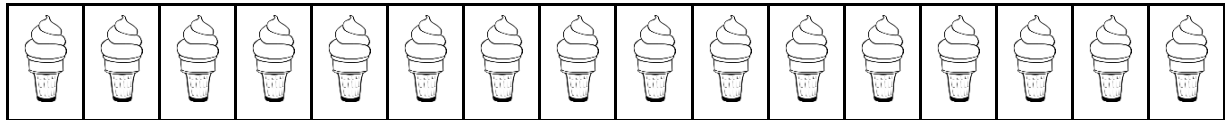
34		+	24	= 40
35	60	+	=	78
36		-	13	= 20
37	80	-	=	55
38		+	15	= 32
39	17	+	=	37
40	8	+	71	=

2. Fractions:

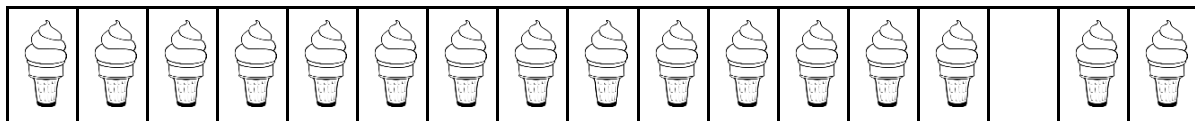
Use the ice cream pictures to help you to find the different fractions.

Remember: to find $\frac{1}{2}$ divide by 2, to find $\frac{1}{4}$ divide by 4.

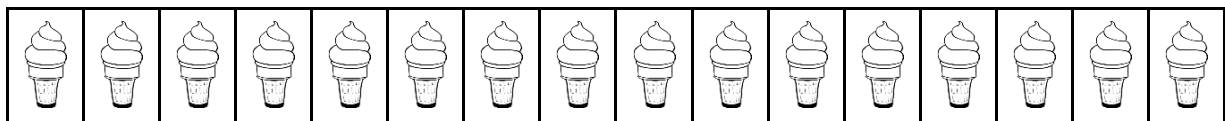
1. $\frac{1}{2}$ of the ice creams are strawberry flavoured. Colour these in red. How many ice creams are there?



2. $\frac{1}{4}$ of the ice creams are mint flavoured. Colour these in green. How many are there?



3. $\frac{2}{4}$ of the ice creams are bubble gum flavoured. Colour these in blue. How many are there?

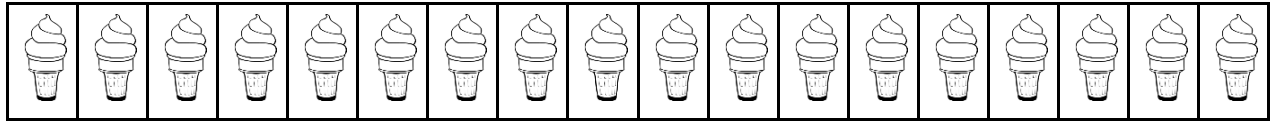


4. $\frac{3}{4}$ of the ice creams are chocolate flavoured. Colour these in brown. How many are there?

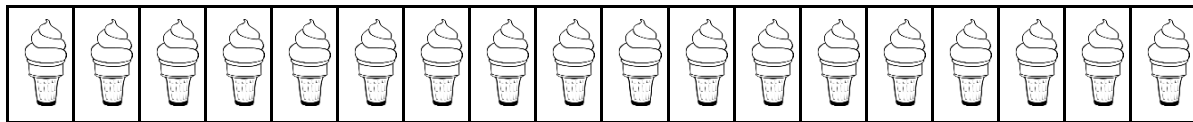


There are 18 ice creams

5. $\frac{1}{3}$ of the ice creams are strawberry flavoured. Colour these in red. How many are there?



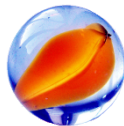
6. $\frac{2}{3}$ of the ice creams are bubble gum flavoured. Colour these in blue. How many are there?



3. Super-questions on Fractions.

Read through these word problems and answer the questions.
Remember to show your workings out.

1. In a bag, there are 12 marbles. $\frac{1}{2}$ are blue. How many blue marbles are there?



2. On a bus there are 16 passengers. $\frac{1}{2}$ are children. How many children are there?









3. I win €9 in a game but give $\frac{1}{3}$ away. How much do I give away?



4. In the classroom there are 15 children. $\frac{1}{3}$ chose maths as their favourite subject. How many children did not choose maths?



<p>5. I threw away 20 kilogrammes of rubbish, but I recycled $\frac{1}{4}$ of it. How much rubbish did I recycle?</p> 	<p>6. There are 24 hours in a day. Molly spends $\frac{1}{4}$ of her day at school. For how many hours is she at school?</p> 
<p>7. There are 150 millilitres of juice in my bottle, but I spill $\frac{1}{5}$ of it. How much do I spill?</p> 	<p>8. I am reading a book which is 55 pages long. I have read $\frac{1}{5}$ of it. How many pages have I got left to read?</p> 
<p>9. A coat costs Raj €36. His mum gave him $\frac{1}{3}$ of the money towards the cost of the coat. How much does Raj have to pay?</p> 	<p>10. There are 24 pupils in Justin's class. $\frac{1}{4}$ of the pupils go to the museum and $\frac{1}{3}$ of the pupils go to the theme park. How many children don't go on a trip?</p> 

4. Candy Store Quiz:

1. The school fundraiser only had five of the forty boxes left to sell at the end of the month.

How many boxes did they sell?

$$5 + 40 = 45 \quad 45 - 5 = 40 \quad 40 - 5 = 35 \quad 35 + 5 = 40$$

2. Mary had twenty pieces of candy and she shared nine of them with her friend.

How many pieces did Mary leave for herself?

$$9 + 20 = 29 \quad 20 - 9 = 11 \quad 29 - 9 = 20 \quad 11 + 9 = 20$$

3. Jackson went to the gas station and bought a sucker for twenty-five cents and ta-y for ten cents. How much did the candy cost in all?

$$25 - 10 = 15 \quad 30 - 10 = 20 \quad 10 + 5 = 15 \quad 25 + 10 = 35$$

4. Ella and her sister shared an almond chocolate bar.

Ella counted five almonds on her half and her sister counted seven on hers. How many almonds were there in all?

$$7 + 5 = 12 \quad 7 - 5 = 2 \quad 12 - 5 = 7 \quad 5 + 2 = 7$$

5. Carter's mother gave him five dollars to buy ice cream.

The ice cream cost three dollars. How much money does he need to give back to his mother?

$$8 - 5 = 3 \quad 5 + 3 = 8 \quad 3 + 2 = 5 \quad 5 - 3 = 2$$

6. John tried to count the jelly beans for a contest. There were fifty-five jelly beans in the jar.

He guessed that there were thirty. How many jelly beans was he out by?

$$55 + 30 = 85 \quad 55 - 30 = 25 \quad 30 - 25 = 5 \quad 30 + 25 = 55$$

7. The store owner sold twelve bags of candy on Monday and seventeen bags on Wednesday.

How many bags of candy were sold in all?

$$12 + 17 = 29 \quad 29 - 12 = 17 \quad 17 + 29 = 46 \quad 17 - 12 = 5$$

8. Hannah bought a bag with thirty-three pieces of red and green candy in it.

Sixteen pieces of candy in the bag were red. How many pieces were green?

$$16 + 33 = 49 \quad 49 - 16 = 33 \quad 33 - 16 = 17 \quad 17 + 16 = 33$$

5. Rounding:

When rounding a number to a place value, view the digit to the right of the given place.

When the digit to the right is 4 or less,
round down in the given place.



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When the digit to the right is 5 or more,
round up in the given place.

- Round each number below to the tens place.

26 75 31 11 59 71 84 44 62 54
91 23

- Round each number below to the hundreds place.

115 512 310 131 847 654 451 344 871
347 543 311

- For each of the following numbers write down the place value of the number 4.

a. 42 b. 104 c. 4157 d. 2404 e. 149 f. 402

- For each of the following write down the place value for the digit **9**.

a. 49 b. 192 c. 957 d. 849 e. 5294 f. 907

- Put each list in order of size, starting with the lowest (smallest).

a. 114	1137	111	1109	112
b. 5125	516	52	519	508
c. 37	73	378	345	718
d. 96	35	46	64	421
e. 222	5	6	89	256

6. Multiplication Word Problems:

1. A box of crayons holds 8 crayons. If Jackson has 4 boxes, how many crayons does he have?
2. A motorcycle has 2 wheels. How many wheels are on 9 motorcycles?
3. Molly ran 5 miles a day. How many miles did she run in one week?
4. There are 3 bunches of bananas. Each bunch has 6 bananas. How many bananas are there in all?
5. The babysitter earned \$5 an hour. She worked for 4 hours. How much money did she earn?
6. Each table in the classroom has 4 students. There are 6 tables in the classroom. How many students are there altogether?

7. Bryson wants to give each person in his family 2 gifts for the holiday. There are 3 people in his family. How many gifts will he give?
8. There are 6 apple trees in the yard. Each tree has 7 apples that are ready to be picked. How many apples are ready to be picked?
9. There are five boxes of pencils. Each box has 10 pencils inside. How many pencils are there altogether?
10. Parker's vegetable garden has six rows of plants. Each row has eight plants. How many plants are there in the vegetable garden?

7. January 2021

Answer the following questions using the calendar below.

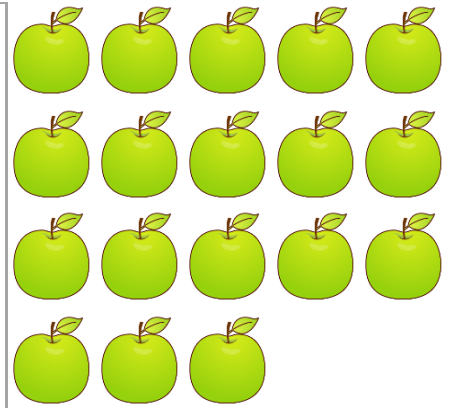
1. How many Wednesdays are there in January?
2. What day on the calendar is January 20?
3. Dr. Martin Luther King, Jr. was born on January 15. Write the day.
4. School begins again on the first Tuesday of the month. Write the date.
5. Write the date for the second Thursday in January in two different ways.

January 2020

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

8. Division

1. Miss Smith needs 18 apples for her class. There are 2 apples in each bag. How many bags does Miss Smith need to get?



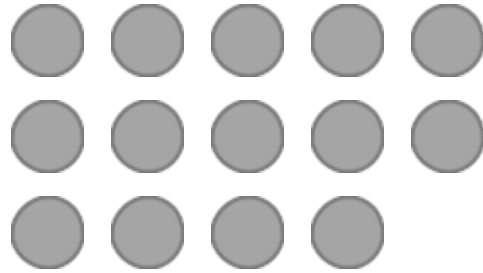
2. 20 bananas are shared among 10 monkeys. How many bananas does each monkey get?



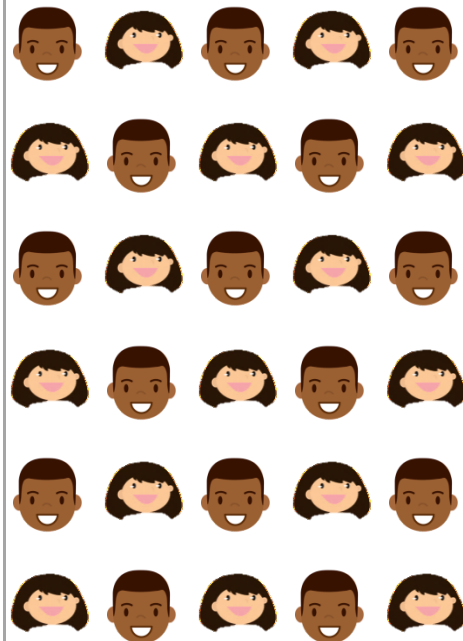
3. Bob needs 25 paper cups. They come in packets of 5. How many packets does he need to buy?



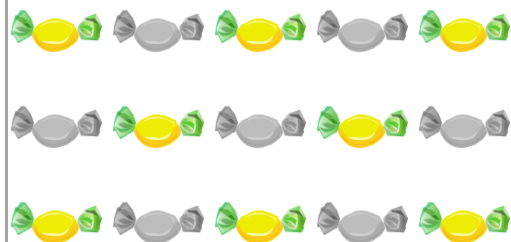
4. Ella has 14 counters. She puts them into groups of 2. How many groups will she make?



5. There are 30 children at Drawing Club. How many groups of 10 can they make?



6. Ashley has 15 sweets to share with his 5 friends. How many sweets do they each get?



9. More Division:

1. 22 bananas are shared among 2 monkeys. How many bananas does each monkey get?

2. Miss Smith needs 30 apples for her class. There are 5 apples in each bag. How many bags does Miss Smith need to get?

3. Bob needs 80 paper cups. They come in packets of 10. How many packets does he need to buy?

4. Ella has 14 counters. She puts them into groups of 2. How many groups will she make?

5. There are 12 children at a Drawing Club. How many groups of 3 can they make?

6. 24 sweets are shared between 6 children. How many sweets does each child receive?

7. Find half of 20.