

## First Level Numeracy

Week Beginning 1st March

### Take a Challenge:

Times table challenge - page 2

Addition / Take away challenge - page 3



Would you rather have.....? circle the biggest fraction

$$\frac{1}{2} \text{ or } \frac{1}{3} \qquad \frac{1}{3} \text{ or } \frac{2}{3}$$

$$\frac{1}{4} \text{ or } \frac{1}{2} \qquad \frac{1}{8} \text{ or } \frac{1}{4}$$

$$\frac{1}{3} \text{ or } \frac{1}{4} \qquad \frac{1}{4} \text{ or } \frac{2}{4}$$

$$\frac{3}{4} \text{ or } \frac{2}{4} \qquad \frac{1}{8} \text{ or } \frac{3}{4}$$

Remember to draw a shape and split it into equal parts if you want to see which fraction is bigger!

Now try the other fraction challenges on page 4.

## Angles

Work on measuring right, acute and obtuse angles - page 5.

Use a protractor to measure accurately. Call and collect at school if you need to borrow a protractor!

Re-watch the angles film from last week if you need an angles reminder. <https://clickv.ie/w/Pxzp>

### Practise Measuring Angles:

[www.mathplayground.com/measuringangles.html](http://www.mathplayground.com/measuringangles.html)

## Co-ordinates

Remember you can play FRUIT EXPLOSION (page 6)

Or draw a new map (perhaps of the school and playground) to practise marking and reading co-ordinates.

## Adding

$$345 + 236 \qquad 335 + 428 \qquad 234 + 209$$

$$666 + 317 \qquad 214 + 417 \qquad 883 + 122$$

## Take Away

$$367 - 243 \qquad 656 - 124 \qquad 342 - 121$$

$$456 - 231 \qquad 878 - 232 \qquad 666 - 543$$

## Odd and Even Game (page 7)

Roll 3 dice. Write out all the odd and even numbers you can make using the 3 numbers. Roll again.

Make your own number dice—see page 7

## Fraction Word Problems - look for the story, draw to solve.

Rory had £100. He halved his money with his sister. How much money did he give Cleo?

Anneliese has 150 seeds. She shared the seeds equally into 3 tubs. How many seeds in each tub?

Erin had a ribbon 200cm long. She cut the ribbon into quarters. How long was each piece of ribbon?

Airen counted 60 fish in the tank at the Pet Shop. He bought half of them. How many fish did he buy?

Reece brought enough sweets for his class. His class make up one third of the school. There are 63 pupils at Holywood. How many sweets did Reece bring?

The bus was half full. The bus has 54 seats in total. How many people were on the bus?

A quarter of the class like mint choc ice cream. If there are 24 pupils in class. How many of them like mint choc ice cream?

Brodie had collected 70 worms in a bucket. He split the worms equally between four buckets. How many worms in each bucket?

Carson has 15 rats, 4 cats and 2 hamsters. A third of his pets sleep in his room. How many pets does Carson share a room with?

Kohdie won £600. He split the money equally between the 3 classes at Holywood. How much money did each class get?

## Mixed Up Times Tables

2 Times Table	3 Times Table	4 Times Table	5 Times Table	6 Times Table	7 Times Table	8 Times Table	9 Times Table	10 Times Table
2x5=	3x7=	4x1=	3x5=	6x3=	7x7=	8x8=	9x3=	10x1=
2x9=	9x3=	4x10=	5x3=	6x1=	5x7=	1x8=	9x1=	5x10=
2x4=	2x2=	5x4=	5x10=	1x6=	7x8=	8x7=	2x9=	10x6=
2x1=	2x3=	4x6=	1x5=	6x10=	7x1=	2x8=	9x12=	2x10=
3x2=	3x6=	12x4=	5x11=	5x6=	3x7=	8x1=	9x2=	10x10=
2x10=	3x12=	4x2=	5x1=	2x6=	7x6=	8x12=	4x9=	6x10=
2x7=	3x8=	3x4=	10x5=	6x9=	10x7=	5x8=	9x9=	10x2=
10x2=	3x1=	4x9=	5x9=	6x6=	7x9=	8x9=	5x9=	10x10=
2x11=	3x3=	4x4=	5x5=	6x2=	7x2=	8x8=	9x11=	10x5=
5x2=	1x3=	4x11=	9x5=	8x6=	8x7=	8x2=	9x4=	4x10=
2x2=	3x5=	4x3=	4x5=	10x6=	7x5=	10x8=	3x9=	10x9=
1x2=	4x3=	6x4=	5x12=	6x4=	7x7=	8x5=	9x10=	7x10=
2x8=	10x3=	9x4=	5x2=	9x6=	6x7=	8x11=	9x6=	10x4=
7x2=	3x9=	4x7=	5x8=	6x8=	7x3=	8x3=	9x8=	10x12=
2x2=	3x2=	3x4=	6x5=	6x12=	7x10=	2x8=	10x9=	12x10=
2x3=	5x3=	4x4=	5x5=	6x5=	11x7=	11x8=	9x5=	10x7=
9x2=	3x11=	4x12=	5x4=	6x6=	7x4=	8x4=	12x9=	8x10=
8x2=	8x3=	10x4=	7x5=	11x6=	7x7=	3x8=	5x9=	10x3=
2x6=	3x4=	4x5=	5x6=	6x7=	7x11=	8x6=	9x7=	10x11=
2x12=	3x10=	4x8=	5x7=	6x11=	7x12=	8x10=	9x9=	10x8=

One	
1	1+1 =
2	2+2 =
3	3+3 =
4	5+5 =
5	4+4 =
6	6+6 =
7	7+7 =
8	9+9 =
9	10+10 =
10	8+8 =
11	5+6 =
12	7+8 =
13	9+8 =
14	9+10 =
15	4+5 =
16	4+3 =
17	8+7 =
18	8+9 =
19	6+5 =
20	6+7 =
21	14+14 =
22	16+16 =
23	17+17 =
24	12+12 =
25	13+13 =
26	11+11 =
27	3+3 =
28	15+15 =
29	16+16 =
30	19+19 =
31	12+13 =
32	16+15 =
33	16+17 =
34	12+11 =
35	13+14 =
36	13+15 =
37	15+14 =
38	15+17 =
39	17+18 =
40	17+16 =
41	13+13 =
42	13+14 =
43	13+15 =
44	14+16 =
45	13+12 =
46	14+12 =
47	13+13 =
48	18+18 =
49	19+18 =
50	17+19 =

Two	
1	16+10 =
2	14+10 =
3	12+10 =
4	13+10 =
5	11+10 =
6	15+10 =
7	17+10 =
8	8+10 =
9	14+10 =
10	10+17 =
11	15+15 =
12	13+13 =
13	17+17 =
14	14+14 =
15	16+16 =
16	11+11 =
17	17+17 =
18	19+19 =
19	12+12 =
20	11+11 =
21	14+14 =
22	12+12 =
23	14+14 =
24	14+14 =
25	15+15 =
26	16+16 =
27	13+13 =
28	19+19 =
29	11+11 =
30	12+12 =
31	17+9 =
32	14+9 =
33	11+9 =
34	18+9 =
35	15+9 =
36	16+9 =
37	13+9 =
38	16+9 =
39	12+9 =
40	15+9 =
41	17+10 =
42	10+17 =
43	13+10 =
44	10+13 =
45	13+9 =
46	14+9 =
47	13+10+9=
48	13+19 =
49	10+9+4=
50	14+9 =

Three	
1	12+12 =
2	13+13 =
3	14+14 =
4	15+15 =
5	19+19 =
6	7+7 =
7	4+4 =
8	8+8 =
9	12+12 =
10	11+11 =
11	1+1 =
12	2+2 =
13	3+3 =
14	5+5 =
15	4+4 =
16	6+6 =
17	7+7 =
18	9+9 =
19	10+10 =
20	8+8 =
21	14+14 =
22	12+12 =
23	14+14 =
24	14+14 =
25	15+15 =
26	16+16 =
27	13+13 =
28	19+19 =
29	11+11 =
30	12+12 =
31	16+10 =
32	14+10 =
33	12+10 =
34	13+10 =
35	11+10 =
36	15+10 =
37	17+10 =
38	8+10 =
39	14+10 =
40	10+17 =
41	26+10 =
42	34+10 =
43	32+10 =
44	43+10 =
45	21+10 =
46	24+10 =
47	27+10 =
48	38+10 =
49	44+10 =
50	10+24 =

Four	
1	15+10 =
2	13+10 =
3	14+10 =
4	15+10 =
5	3+10 =
6	17+10 =
7	19+10+6=
8	18+10+3=
9	12+10+5=
10	11+10+9=
11	17-14 =
12	18-13 =
13	17-15 =
14	17-16 =
15	18-13 =
16	16-11 =
17	14-13 =
18	17-13 =
19	19-17 =
20	18-14 =
21	15+16 =
22	1+19 =
23	10+19 =
24	16+10 =
25	16+10 =
26	16+16 =
27	17+17 =
28	16+10 =
29	12+10 =
30	12+10 =
31	18-17 =
32	18-18 =
33	16-6 =
34	19-9 =
35	14-4 =
36	18-8 =
37	17-7 =
38	16-6 =
39	16-12 =
40	18-14 =
41	19-9 =
42	19+10 =
43	19-14 =
44	10+9 =
45	17-7 =
46	16+8 =
47	18-14 =
48	12+6 =
49	17-10 =
50	15+10 =

Five	
1	15-11 =
2	13-11 =
3	14-11 =
4	15-12 =
5	13-11 =
6	17-11 =
7	19-11 =
8	18-11 =
9	12-11 =
10	19-11 =
11	18-11 =
12	19-11 =
13	15-5 =
14	19-11 =
15	13-3 =
16	13-5 =
17	16-4 =
18	19-9 =
19	14-4 =
20	12-2 =
21	19+16 =
22	16+19 =
23	9+9 =
24	18+12 =
25	18+15 =
26	18+12 =
27	19+13 =
28	14+19 =
29	14+03 =
30	16+15 =
31	18+17 =
32	18+18 =
33	16+15 =
34	19+19 =
35	19+14 =
36	18+14 =
37	17+14 =
38	18+15 =
39	16+12 =
40	18+14 =
41	17+17 =
42	16+19 =
43	13+17 =
44	14+16 =
45	13+16 =
46	14+12 =
47	13+13 =
48	18+18 =
49	19+18 =
50	17+19 =

You should be trying to work out these questions in your head—mental maths!

Use your partitioning skills to help you—in your head!!

Use your near number strategies to help you—in your head!!

Look back at the maths grids if you need a reminder of how to use any of your strategies!!



Would you rather have.....?

Circle the smallest fraction

$$\frac{1}{2} \text{ or } \frac{1}{3}$$

$$\frac{1}{3} \text{ or } \frac{2}{3}$$

$$\frac{1}{4} \text{ or } \frac{1}{2}$$

$$\frac{1}{8} \text{ or } \frac{1}{4}$$

$$\frac{1}{3} \text{ or } \frac{1}{4}$$

$$\frac{1}{4} \text{ or } \frac{2}{4}$$

$$\frac{3}{4} \text{ or } \frac{2}{4}$$

$$\frac{1}{8} \text{ or } \frac{3}{4}$$



Circle the biggest fraction

$$\frac{1}{3} \text{ or } \frac{1}{8}$$

$$\frac{2}{3} \text{ or } \frac{3}{4}$$

$$\frac{3}{8} \text{ or } \frac{3}{4}$$

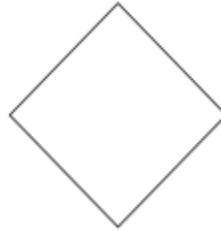
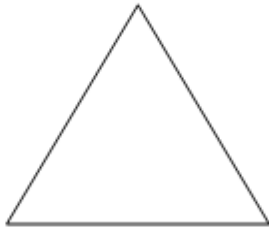
$$\frac{5}{8} \text{ or } \frac{1}{2}$$

$$\frac{3}{4} \text{ or } \frac{1}{4} \text{ or } \frac{2}{4}$$

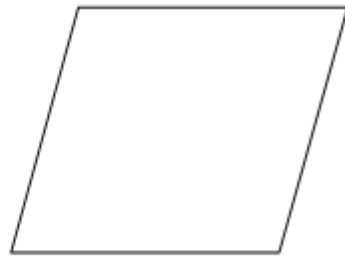
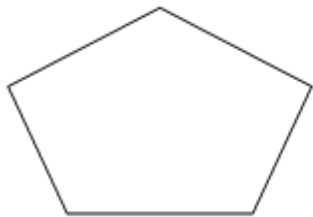
$$\frac{3}{4} \text{ or } \frac{1}{4} \text{ or } \frac{1}{2}$$

$$\frac{1}{2} \text{ or } \frac{1}{3} \text{ or } \frac{1}{4}$$

Colour in the angles of each shape. Blue for right angles, red for an acute angle and green for an obtuse angle.



This one has been done for you.



How many right angles are there? \_\_\_\_\_

How many obtuse angles are there? \_\_\_\_\_

How many acute angles are there? \_\_\_\_\_

How many angles are there altogether? \_\_\_\_\_

<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	
<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	
<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	
<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	
<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	
<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>		<p>Estimation ____.</p> <p>This angle measures ____.</p> <p>It is an _____ angle.</p>	

## Fruit Explosion - a Hollywood made up game

### How to play:

2 teams (One or more players in each team)

Each team needs a blank grid.

Make sure you can't see each others grids - no cheating.

Add

1 apple 🍏 1 banana 🍌 1 orange 🍊 1 pear 🍐 1 pineapple 🍍 1 strawberry 🍓

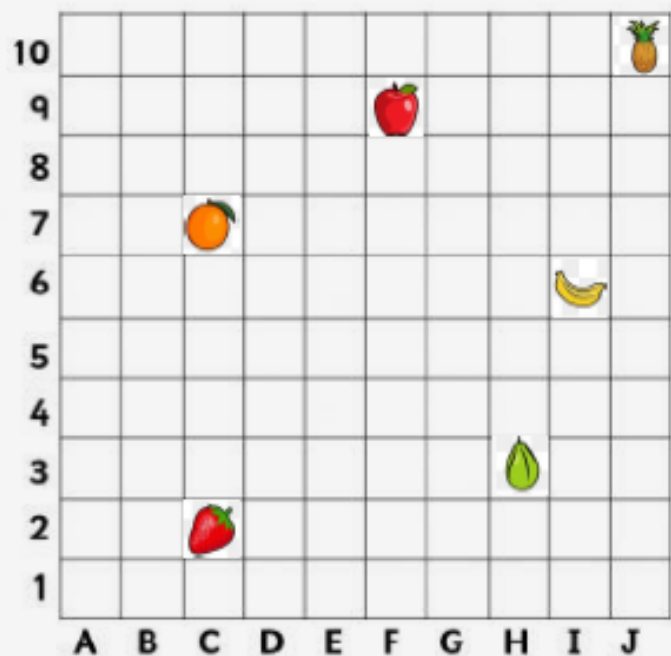
to different squares on your grid.

Take turns to guess co-ordinates

If you land on a square with fruit in...KABOOM! Fruit Explosion!

Winner = first team to find all the other teams fruit.

How will you make sure you don't say the same co-ordinates twice?

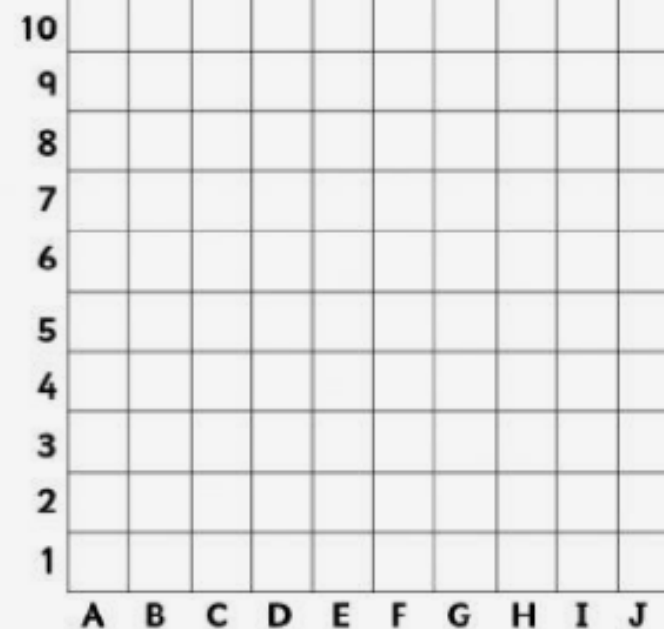
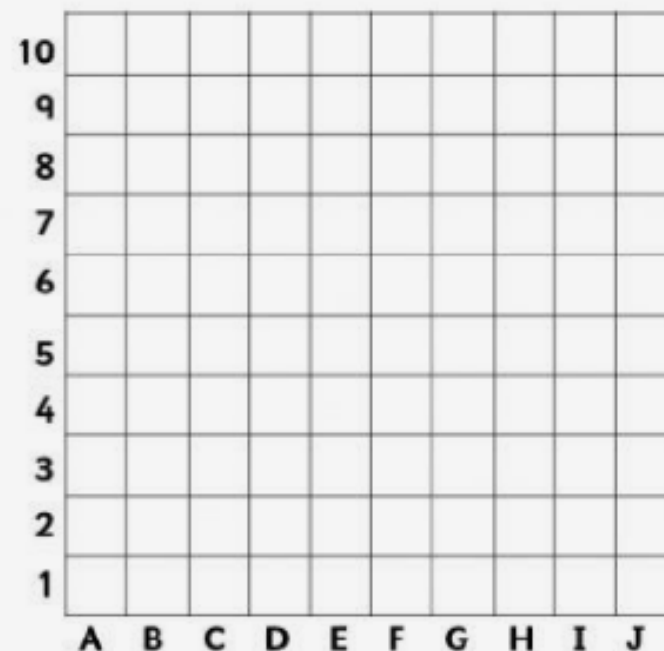


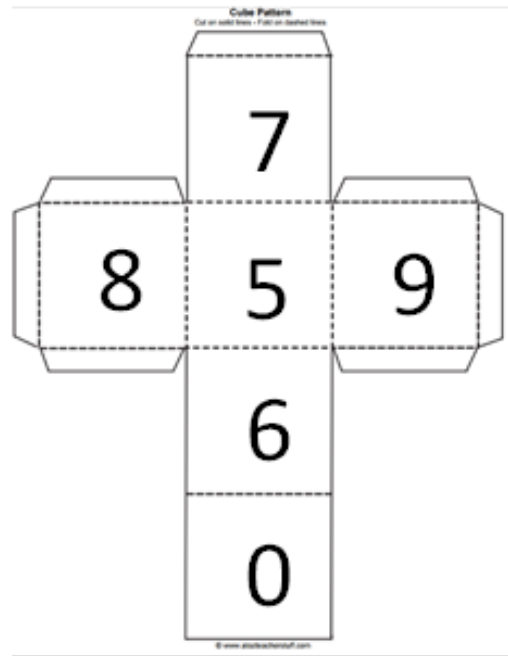
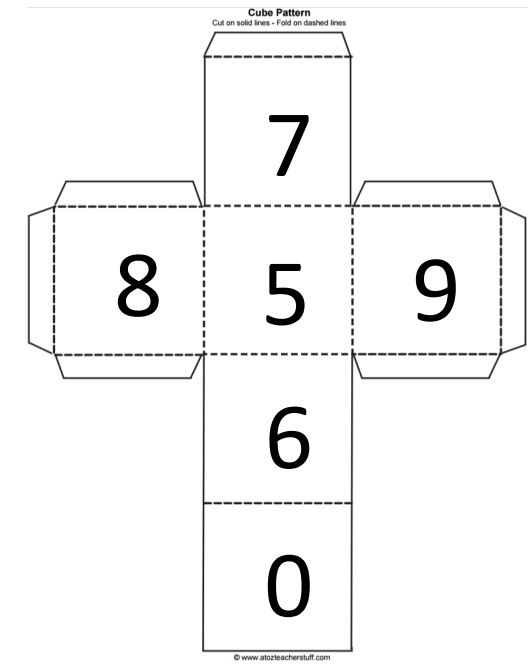
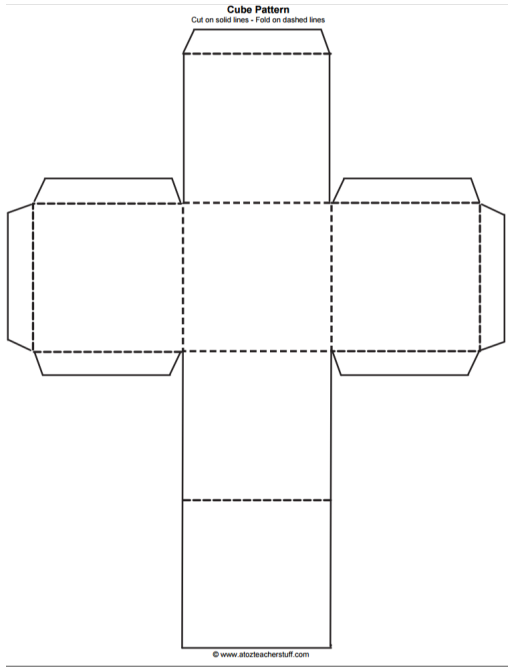
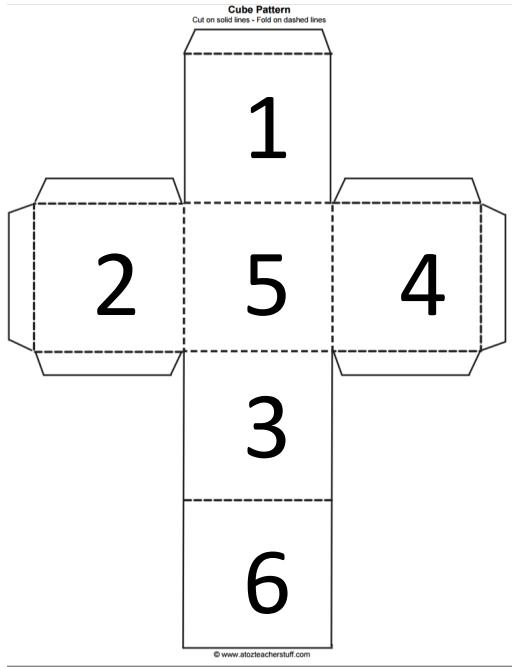
H,3

**KABOOM!**  
**Fruit Explosion!**

At school we make really big grids  
and play with toy fruit.

Call and collect at the school if  
you want big card for your grids!





## Odd and Even Game

Roll three dice



**Odd**

**Even**

9

4

49

6

69

46

469

64

649

94

96

694

496

964

946