

Mental Math Activities 3

Includes:

- Four operations
- Algebra
- Reading Numbers
- Number Patterns
- Addition by 10s
- Doubling / Halving

Name: _____

Tic-Tac-Toe Mental Maths

Answers the question and place a counter on it. Get 3 in a row to win!

4x3	8x4	7x5
5x5	3x3	9x4
12x2	11x7	8x5

12x5	10x10	9x1
7x10	4x4	6x6
11x9	9x4	3x6

4x9	3x3	6x7
7x5	9x11	12x4
2x11	4x4	8x3

Name: _____

Dice Game

Each student has their own sheet. Roll the dice, write +, x or - and shade in the square. The person to the top first wins!

5_5=25	9_9=18	7_3=21	4_4=16	5_7=12	8_4=32
9_8=17	9_7=2	8_2=16	7_6=1	2_3=6	6_6=36
5_4=1	7_4=28	5_6=11	8_8=16	7_7=14	8_3=24
9_3=6	4_3=1	5_5=25	7_4=11	9_5=14	4_2=8

+ , x or -

Differentiated Tasks



Name: _____

Mental Math Wheel

Slambo Resources

Name: _____

Read The Number

Race your friends around the board! Read the number correctly and you can stay. Answer wrong and you must move back to where you were!

Start →	Move +3	5,967	7,894	2,175
Finish				Move -3
23,314				15,529
98,045				Roll Again!
26,007	Move -3	Mental Maths		27,548
				Move +3
84,250				39,873
80,005				45,197
35,012				55,298
42,136	Move +3	7,124	Back to Start!	3,689
				Move -3

Name: _____

Mental Math Squares
























Add numbers across and down to fill the empty boxes. The first one is done.

15	7	22	7	9	
8	9	17	12	13	
23	16	39			

10	11		8	12	
12	13		13	14	

15	10		8	8	
9	8		12	12	

Contents

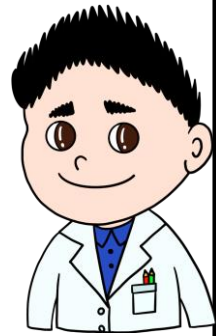
- #1 Tic-Tac-Toe Mental Maths - Multiplication 
- #2 Tic-Tac-Toe Mental Maths - Multiplication  
- #3 Tic-Tac-Toe Mental Maths - Algebra   
- #4 Tic-Tac-Toe Mental Maths - Algebra   
- #5 Mental Maths Board Game – Reading Numbers
- #6 Mental Maths Board Game – Number Patterns
- #7 Mental Maths Board Game – Doubling
- #8 Mental Maths Board Game – Halving
- #9 Dice Game – Addition  
- #10 Dice Game – +, x or -  
- #11 Dice Game – Subtraction  
- #12 Dice Game – Addition by 10s  
- #13 Mental Math Wheel – 3x & 4x
- #14 Mental Math Wheel – 5x & 6x
- #15 Mental Math Wheel - Blank
- #16 Mental Math Squares 
- #17 Mental Math Squares  
- #18 Mental Math Squares   
- #19 Mental Math Squares – Blank

Preview

Name: _____



Tic-Tac-Toe Mental Maths



Answers the question and place a counter on it. Get 3 in a row to win!

4×3	8×4	7×5	6×6	3×9	4×4
5×5	3×3	9×4	8×2	2×11	9×5
12×2	11×7	8×5	7×6	6×4	3×3

Preview

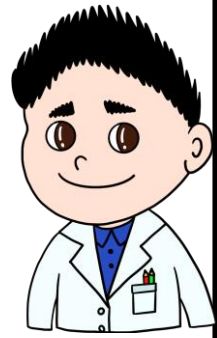
12×5	10×10	9×11	8×4	3×2	9×5
7×10	4×4	6×6	7×7	6×6	3×12
11×9	9×4	3×6	12×5	10×4	11×3

4×9	3×3	6×7	7×3	4×5	9×3
7×5	9×11	12×2	5×5	6×6	7×7
2×11	4×4	8×3	12×4	3×8	12×2

Name: _____



Tic-Tac-Toe Mental Maths



Answers the question and place a counter on it. Get 3 in a row to win!

9×5	7×4	3×12	3×7	8×4	6×7
8×11	12×4	3×3	6×6	12×3	11×9
6×6	9×10	10×10	5×5	4×6	7×4

Preview

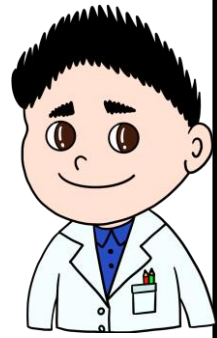
7×4	5×8	11×4	12×5	7×6	4×8
8×3	9×5	6×6	8×2	3×3	11×9
7×3	9×2	2×12	9×4	8×4	6×6

6×11	12×4	6×6	11×8	8×5	6×3
8×5	4×9	3×7	7×11	12×5	3×12
7×6	5×5	12×2	4×4	5×9	6×6

Name: _____



Tic-Tac-Toe Mental Maths



Answers the question and place a counter on it. Get 3 in a row to win!

$4x \underline{\quad} = 20$	$5x \underline{\quad} = 25$	$2x \underline{\quad} = 24$	$6x \underline{\quad} = 36$	$3x \underline{\quad} = 27$	$5x \underline{\quad} = 45$
$8x \underline{\quad} = 24$	$7x \underline{\quad} = 77$	$4x \underline{\quad} = 16$	$3x \underline{\quad} = 21$	$6x \underline{\quad} = 12$	$4x \underline{\quad} = 8$
$6x \underline{\quad} = 18$	$3x \underline{\quad} = 36$	$5x \underline{\quad} = 50$	$4x \underline{\quad} = 32$	$3x \underline{\quad} = 33$	$7x \underline{\quad} = 14$

Preview

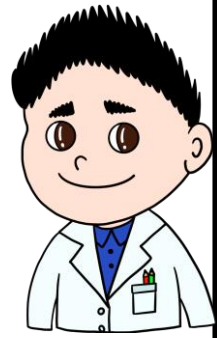
$8x \underline{\quad} = 16$	$3x \underline{\quad} = 36$	$4x \underline{\quad} = 16$	$5x \underline{\quad} = 25$	$4x \underline{\quad} = 20$	$7x \underline{\quad} = 28$
$5x \underline{\quad} = 55$	$8x \underline{\quad} = 40$	$6x \underline{\quad} = 36$	$9x \underline{\quad} = 36$	$4x \underline{\quad} = 16$	$9x \underline{\quad} = 90$
$9x \underline{\quad} = 90$	$4x \underline{\quad} = 44$	$7x \underline{\quad} = 42$	$7x \underline{\quad} = 77$	$6x \underline{\quad} = 18$	$4x \underline{\quad} = 20$

$7x \underline{\quad} = 77$	$3x \underline{\quad} = 36$	$7x \underline{\quad} = 42$	$5x \underline{\quad} = 45$	$8x \underline{\quad} = 32$	$5x \underline{\quad} = 55$
$5x \underline{\quad} = 25$	$4x \underline{\quad} = 28$	$9x \underline{\quad} = 18$	$9x \underline{\quad} = 36$	$4x \underline{\quad} = 44$	$3x \underline{\quad} = 21$
$2x \underline{\quad} = 24$	$2x \underline{\quad} = 22$	$7x \underline{\quad} = 21$	$6x \underline{\quad} = 36$	$5x \underline{\quad} = 60$	$4x \underline{\quad} = 16$

Name: _____



Tic-Tac-Toe Mental Maths



Answers the question and place a counter on it. Get 3 in a row to win!

$9 \times _ = 45$	$7 \times _ = 28$	$5 \times _ = 40$
$3 \times _ = 9$	$4 \times _ = 24$	$9 \times _ = 27$
$2 \times _ = 24$	$8 \times _ = 32$	$4 \times _ = 16$

$7 \times _ = 42$	$7 \times _ = 35$	$8 \times _ = 24$
$2 \times _ = 16$	$4 \times _ = 48$	$7 \times _ = 77$
$9 \times _ = 99$	$5 \times _ = 60$	$3 \times _ = 6$

Preview

$3 \times _ = 33$	$5 \times _ = 25$	$9 \times _ = 36$
$9 \times _ = 27$	$4 \times _ = 48$	$3 \times _ = 36$
$6 \times _ = 36$	$8 \times _ = 24$	$3 \times _ = 21$

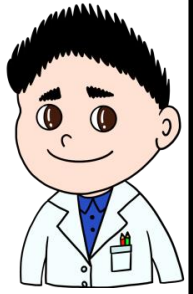
$9 \times _ = 90$	$5 \times _ = 50$	$7 \times _ = 14$
$8 \times _ = 24$	$7 \times _ = 77$	$2 \times _ = 22$
$4 \times _ = 44$	$3 \times _ = 27$	$6 \times _ = 66$

$6 \times _ = 36$	$5 \times _ = 25$	$4 \times _ = 16$
$7 \times _ = 21$	$9 \times _ = 99$	$4 \times _ = 36$
$8 \times _ = 24$	$6 \times _ = 24$	$3 \times _ = 12$

$4 \times _ = 48$	$3 \times _ = 36$	$4 \times _ = 20$
$6 \times _ = 18$	$3 \times _ = 9$	$7 \times _ = 42$
$9 \times _ = 18$	$2 \times _ = 16$	$4 \times _ = 48$




Read The Number



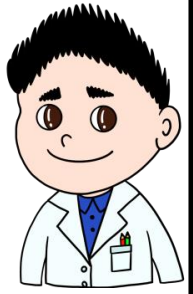
Race your friends around the board! **Read the number correctly and you can stay.**
Answer wrong and you must move back to where you were!

Preview

Start → Finish	Move +3	5,967	7,894	2,175			
23,314	 <p>Mental Maths</p>			Move -3			
98,045				15,529			
26,007				Roll Again!			
Move -3				27,548			
84,250				Move +3			
80,005				39,873			
35,012				45,197			
42,136				55,298			
Move +3				7,124	Back to Start!	3,689	Move -3




Number Patterns



Race your friends around the board! Say the next number in the pattern and you can stay. Answer wrong and you must move back to where you were!

Preview

Start → Finish	Move +3	3, 6, 9	7, 10, 13,	5, 10, 15	
1, 6, 11				Move -3	
20, 24, 28				20, 40, 60	
6, 10, 14				Roll Again!	
Move -3				8, 11, 14	
35, 40, 45				Move +3	
9, 13, 17				10, 20, 30	
40, 50, 60				50, 70, 90	
18, 20, 22				4, 8, 12	
Move +3		35, 37, 39	Back to Start!	22, 24, 26	Move -3



Doubling



Race your friends around the board!
 Double the number and you can stay.
 Answer wrong and you must move back to
 where you were!

Preview
 40 20

Start → Finish	Move +3	40	20	30	
400	<p>Mental Maths</p>			Move -3	
200				16	
150				Roll Again!	
Move -3				12	
90				Move +3	
80				22	
70				50	
60				17	
Move +3		9	Back to Start!	11	Move -3



Halving



Race your friends around the board! **Half** the number and you can stay. **Answer wrong** and you must move back to where you were!

Preview
28 40

Start → Finish	Move +3	28	40	12	
62	<p>Mental Maths</p>			Move -3	
26				24	
42				Roll Again!	
Move -3				16	
38				Move +3	
34				30	
90				50	
80				16	
Move +3		10	Back to Start!	8	Move -3

Name: _____







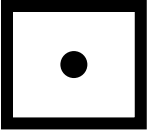
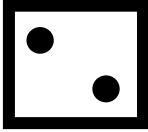

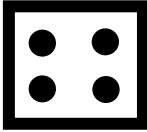
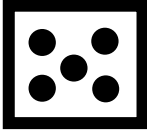
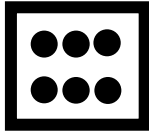


Dice Game



Each student has their own sheet. Roll the dice, **Add the numbers** and shade in the square. The person to the top first wins!

Preview

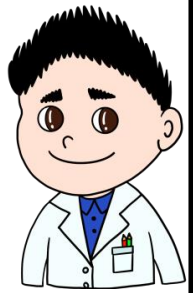
					
$6+6+6$	$10+10+10$	$5+5+5$	$8+8+8$	$4+4+4$	$11+11+11$
$3+2+3$	$5+4+6$	$8+3+9$	$7+7+8$	$12+9+10$	$4+4+7$
$10+10+12$	$7+3+5$	$9+9+9$	$2+2+8$	$7+4+8$	$5+8+7$
$4+7+5$	$8+6+6$	$5+4+3$	$8+3+7$	$3+8+9$	$6+6+5$
					

Addition

Name: _____





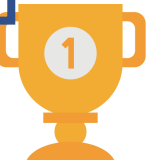

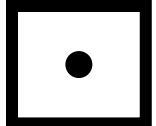
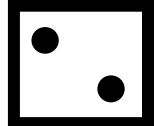
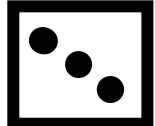
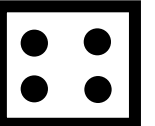
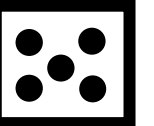
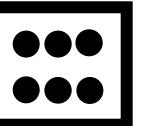


Dice Game



Each student has their own sheet. Roll the dice, write +, x or - and shade in the square. The person to the top first wins!

Preview

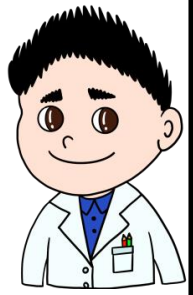
					
$5 _ 5 = 25$	$9 _ 9 = 18$	$7 _ 3 = 21$	$4 _ 4 = 16$	$5 _ 7 = 12$	$8 _ 4 = 32$
$9 _ 8 = 17$	$9 _ 7 = 2$	$8 _ 2 = 16$	$7 _ 6 = 1$	$2 _ 3 = 6$	$6 _ 6 = 36$
$5 _ 4 = 1$	$7 _ 4 = 28$	$5 _ 6 = 11$	$8 _ 8 = 16$	$7 _ 7 = 14$	$8 _ 3 = 24$
$9 _ 3 = 6$	$4 _ 3 = 1$	$5 _ 5 = 25$	$7 _ 4 = 11$	$9 _ 5 = 14$	$4 _ 2 = 8$
					

+ , x or -

Name: _____







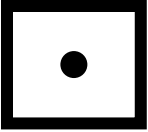
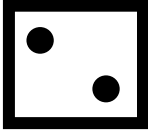
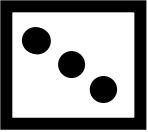
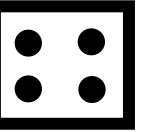
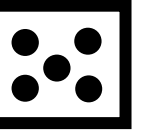
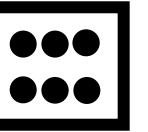


Dice Game



Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

Preview

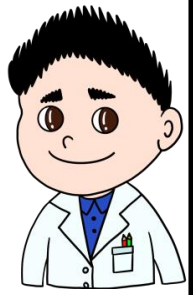
					
24-10	35-11	40-20	36-14	28-9	90-30
60-20	44-12	18-16	12-6	25-11	39-13
24-12	28-14	36-18	65-25	42-12	16-8
18-9	63-11	75-10	82-9	55-40	36-15
					

Subtraction





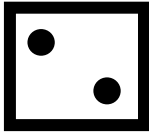
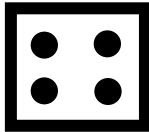
Name: _____



Dice Game



Each student has their own sheet. Roll the dice, answer the question and shade in the square. The person to the top first wins!

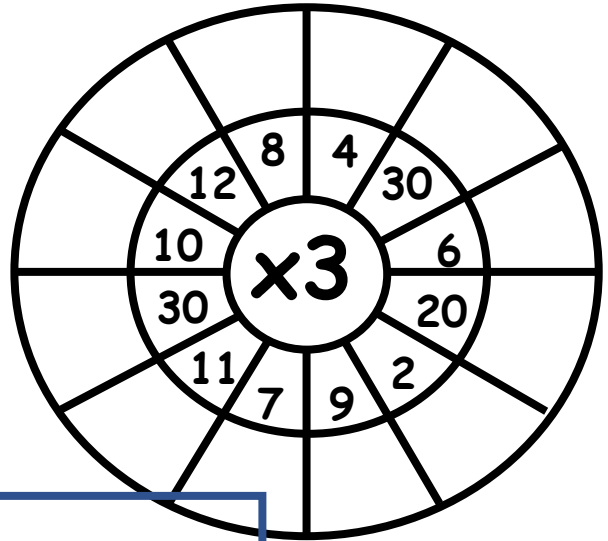
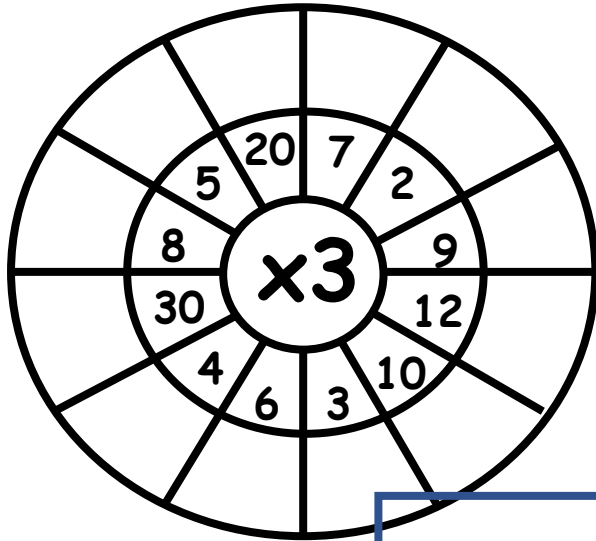
					
$40+40$	$30+30$	$50+60$	$90+40$	$80+80$	$60+70$
$40+40$	$90+90$	$60+80$	$80+30$	$40+70$	$70+70$
$90+50$	$30+20$	$60+60$	$50+30$	$30+80$	$60+70$
$70+90$	$80+40$	$80+50$	$50+20$	$10+70$	$80+90$
					

Addition - 10s

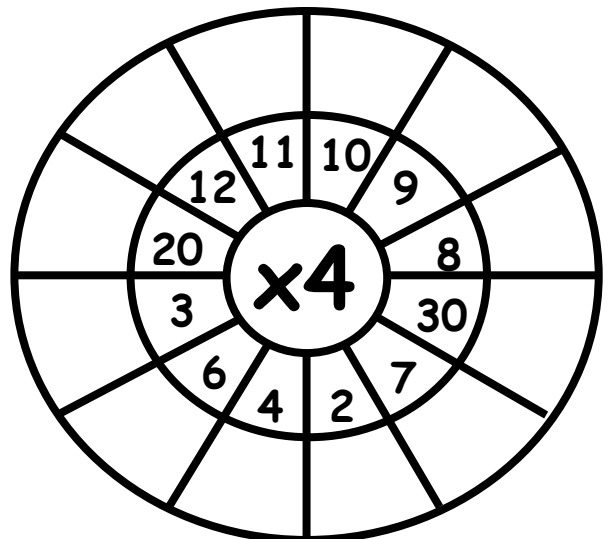
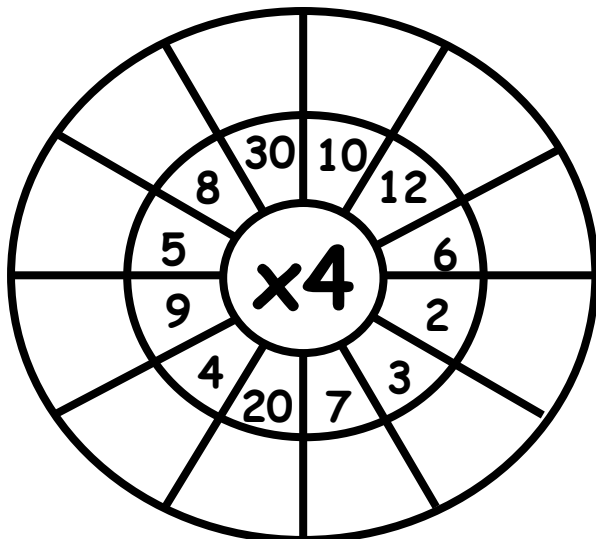
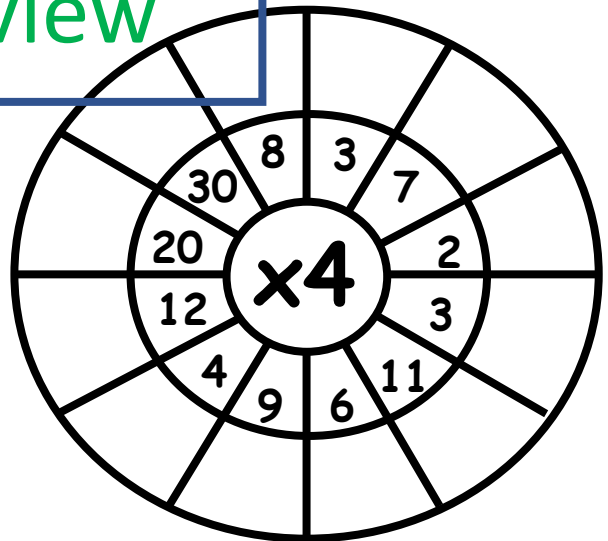
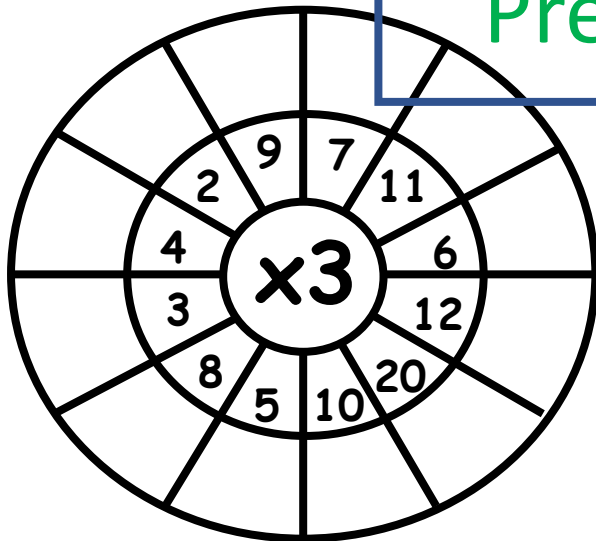
Name: _____



Mental Math Wheel



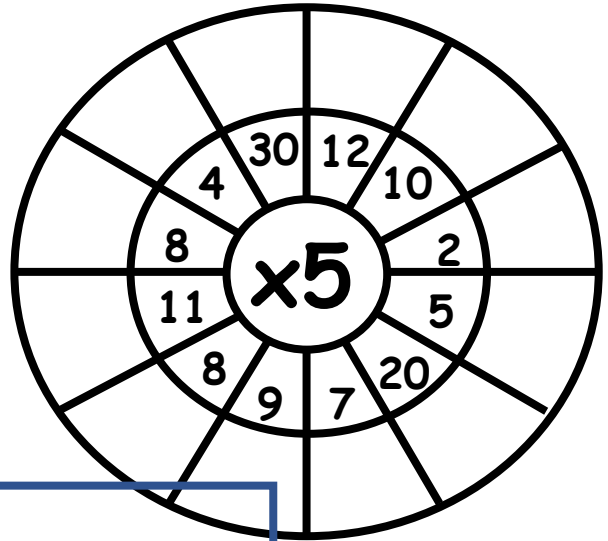
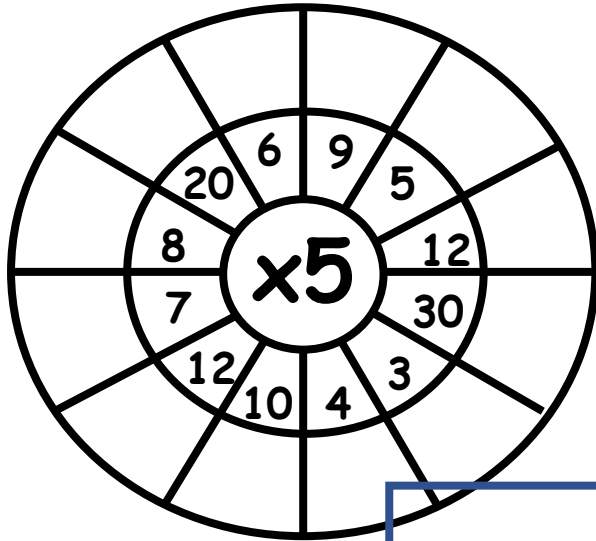
Preview



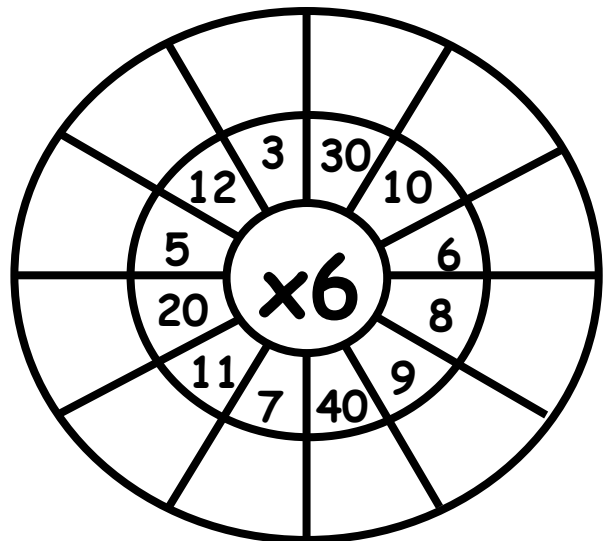
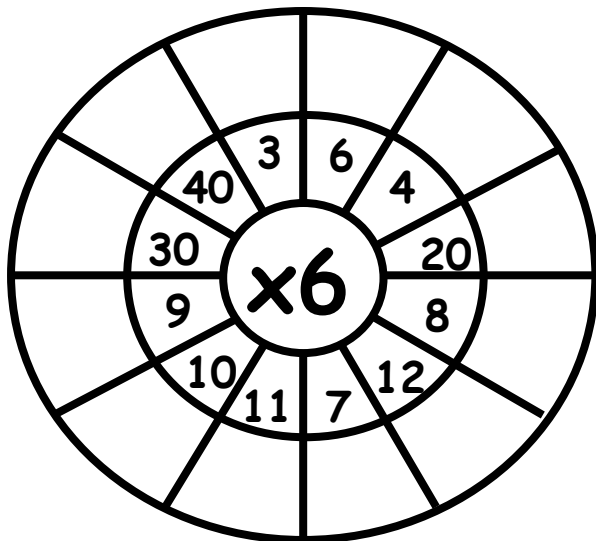
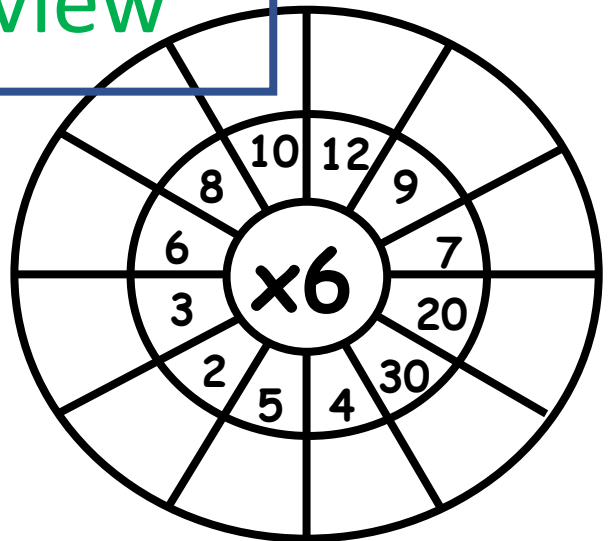
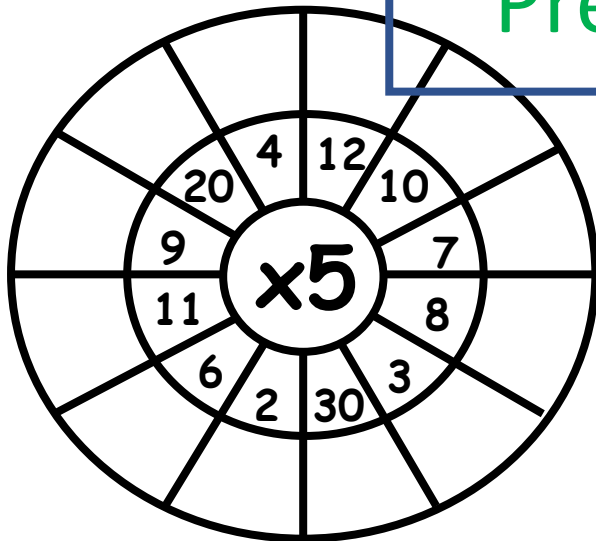
Name: _____



Mental Math Wheel



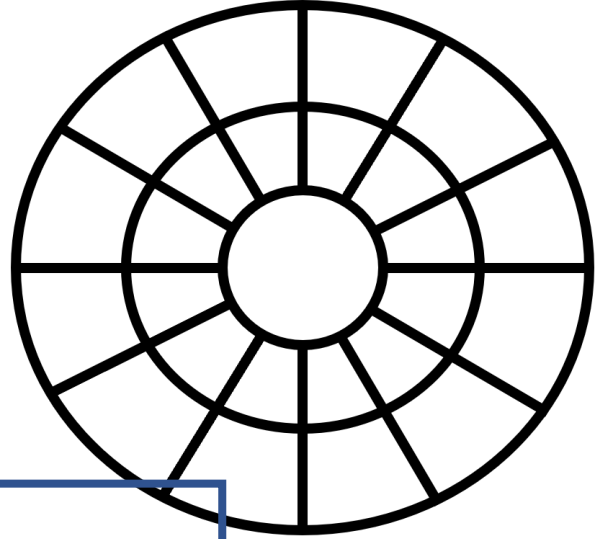
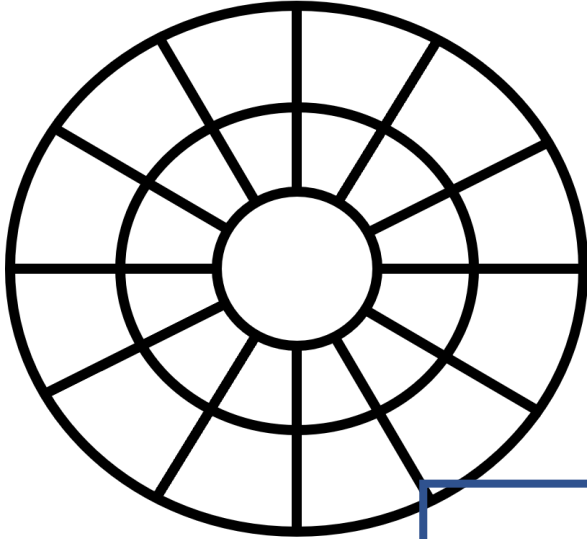
Preview



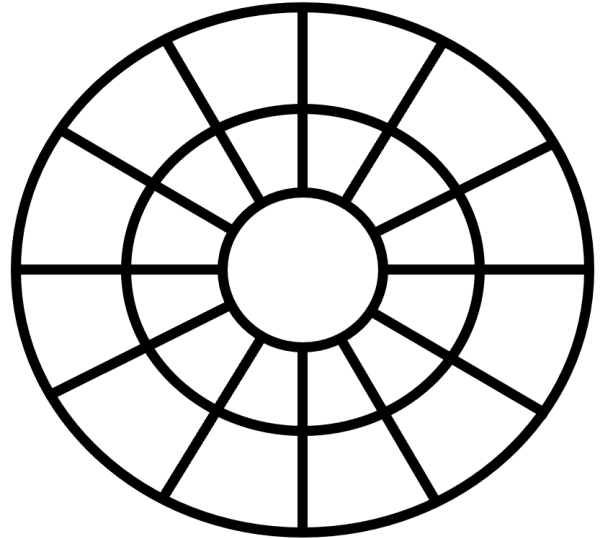
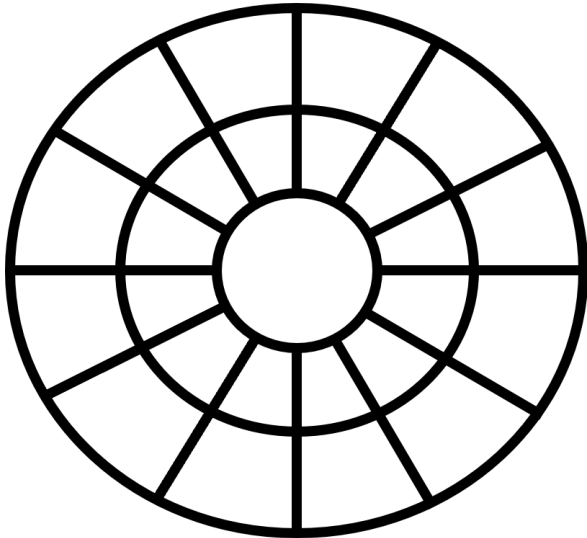
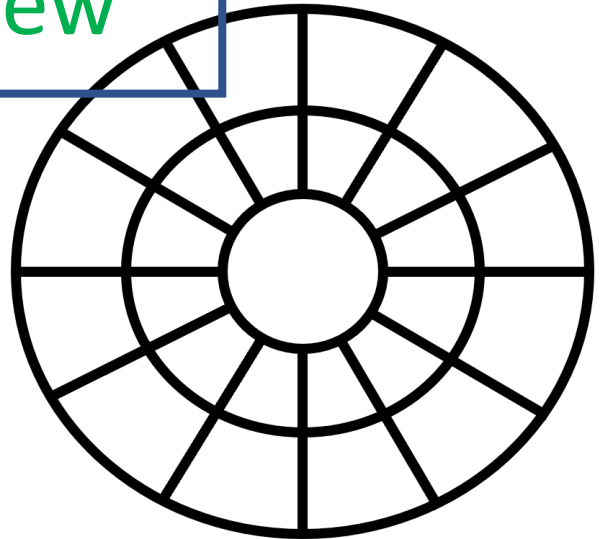
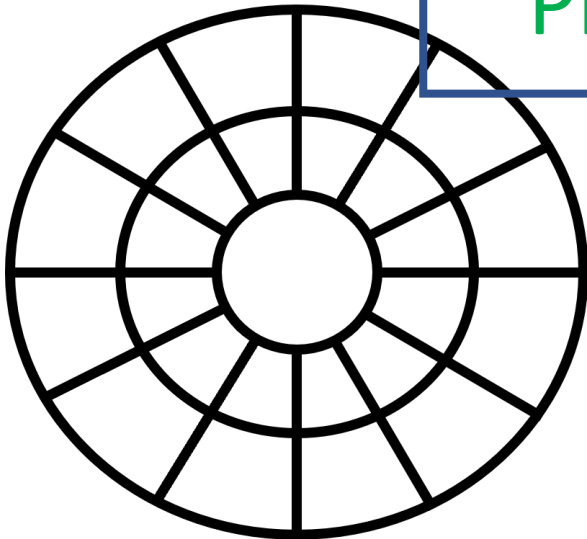
Name: _____



Mental Math Wheel



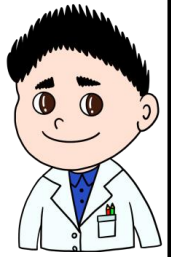
Preview



Name: _____



Mental Math Squares



Add numbers across and down to fill the empty boxes. The first one is done.

15	7	22
8	9	17
23	16	39

7	9	
12	13	

Preview

10	11	
12	13	

8	12	
13	14	

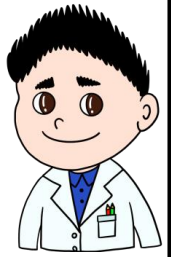
15	10	
9	8	

8	8	
12	12	

Name: _____



Mental Math Squares



Add numbers across and down to fill the empty boxes.

20	20	
24	23	

16	17	
25	26	

Preview

26	26	
23	24	

30	18	
19	24	

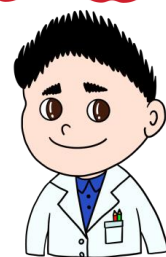
15	26	
35	32	

34	16	
17	18	

Name: _____



Mental Math Squares



Add numbers across and down to fill the empty boxes.

27	44	
48	14	

42	60	
18	25	

Preview

35	35	
38	37	

43	28	
26	36	

34	51	
61	24	

54	30	
28	28	

Name: _____



Mental Math Squares



Add numbers across and down to fill the empty boxes.

Preview

