

Maths endurance

Find a family member or friend to tackle the following challenges with you:

RULES:

- Choose a team name. Some ideas - *Mathenators* or the *Calcubenders*
- Each person/team must have a piece of paper on which to write the answers.
- Tackle activities 1-6.
- The first person/team to finish an activity earns 10 points.
- The second person/team to finish earns 5 points.
- In the event of a tie, each person/team will earn 5 points.
- If a person/team wins two consecutive activities an extra 5 points are awarded.
- Any cheaters have to count to 100 standing on one foot and the other team is awarded 5 extra points.

2. Tables challenge

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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- 1) $23 \times 2 =$
- 2) $9 \times 5 =$
- 3) $4 \times 21 =$
- 4) $6 \times 6 =$
- 5) $8 \times 12 =$

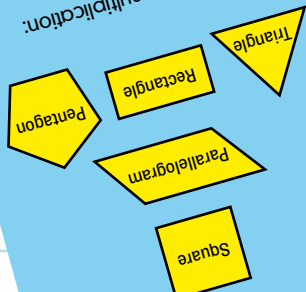
- 6) $12 \times 6 =$
- 7) $3 \times 9 =$
- 8) $4 \times 13 =$
- 9) $16 \times 5 =$
- 10) $6 \times 7 =$

6. Missing multiplication

Solve this problem super fast.

Hint: Look for the patterns!

$$\begin{array}{r} 33 \times \underline{\quad\quad\quad} = 111\ 111 \\ 99 \times \underline{\quad\quad\quad} = 333\ 333 \\ 165 \times \underline{\quad\quad\quad} = 555\ 555 \\ \underline{\quad\quad\quad} \times \underline{\quad\quad\quad} = 777\ 777 \end{array}$$



1. ROMAN NUMERAL SEQUENCES:

USING YOUR ROMAN CHART AS A GUIDE, CAN YOU FIGURE OUT THE NEXT NUMERAL IN THE SEQUENCE?

I	1	V	5	X	10
II	2	VI	6	XI	11
III	3	VII	7	L	50
IV	4	IX	9	C	100
D	500	M	1 000		

- III; V; VII; _____
- V; X; XV; _____
- C; XC; LXXX; _____
- XIII; XII; XI; X; _____
- D; CD; CCC; _____

3. SUDOKU SIXES

1		2	6	5	4
4		6			
3	6	5	4		2
	4	1		6	
	1		5	2	
5	2	3		4	

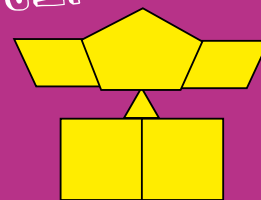
4. Addition grid

Fill in the grid by finding the answer where the rows and columns meet.

+	21	26	14	200	47	9
123						
24						
6						
22						
100						
3 091						

5. SHAPE IDENTIFIER

Find and name the five different shapes in the picture.



HOW TO FOLD AND MAKE YOUR STORYBOOK ON PAGES 3-6

Step 1



Cut out all the pages of the reader, along the red dotted line.

Step 2



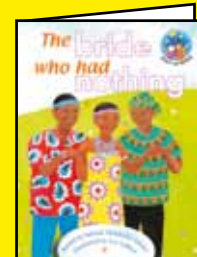
Fold pages in half so the cover is facing you on the right.

Step 3

Fold in half to create your reader



Cut along the dotted line



ANSWERS

ReadRight is:

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