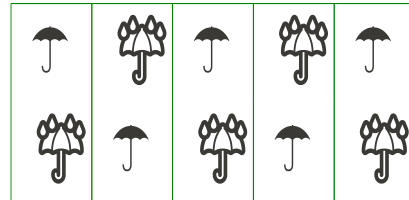
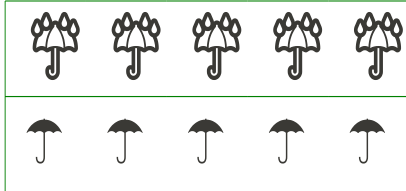




a) Is the number of umbrellas the same in both tables? Write down the expression with multiplication by rows and by columns:



b) Rewrite each problem using addition instead of multiplication. The first one is done for you.

$$5 \times 3 = \underline{5 + 5 + 5}$$

$$a \times 4 = \underline{\hspace{2cm}}$$

$$b \times 2 = \underline{\hspace{2cm}}$$

$$2 \times 2 = \underline{\hspace{2cm}}$$

$$n \times 4 = \underline{\hspace{2cm}}$$

$$p \times 3 = \underline{\hspace{2cm}}$$

c) Calculate and express the answers in cm:

$$3\text{m } 2\text{dm } 7\text{ cm} + 4\text{m } 5\text{cm} = \underline{\hspace{2cm}}$$

$$206\text{cm} + 3\text{m } 8\text{cm} = \underline{\hspace{2cm}}$$

$$17\text{dm } 2\text{ cm} - 56\text{cm} = \underline{\hspace{2cm}}$$

$$6\text{ dm } 8\text{cm} - 9\text{dm} = \underline{\hspace{2cm}}$$

d) Open the parentheses and calculate using the most convenient way:

$$890 - (390 + 40) = \underline{\hspace{2cm}}$$

$$107 + (56 - 17) = \underline{\hspace{2cm}}$$

$$432 - (150 - 18) = \underline{\hspace{2cm}}$$

$$(350 + 49) - 29 = \underline{\hspace{2cm}}$$

$$(107 - 36) + 46 = \underline{\hspace{2cm}}$$

$$(205 - 184) + 194 = \underline{\hspace{2cm}}$$

**Report the time you spent: \_\_\_\_\_ minutes**



1

Skip count by 3, starting from 3 up to 30: \_\_\_\_\_

Skip count by 5, starting from 5 up to 50: \_\_\_\_\_

2

Learning multiplication table by 2, 3 and 5. Your life will be a lot easier when you can simply **remember** the multiplication tables. So ... **train your memory!**

**First**, read it aloud - sing or chant the table. This is the auditory learning - not only have you spoken the table, but you have also heard it.

**Second**, repeat, repeat and repeat some more - repetition is the key to learning tables (or other facts). The more you say the table aloud, the more you will learn it like you learn word to a song.

And ... **practice!**

- $2 \times 2 =$                        $2 \times 3 =$
- $3 \times 2 =$                        $3 \times 3 =$
- $3 \times 5 =$                        $5 \times 3 =$
- $2 \times 5 =$                        $5 \times 2 =$
- $6 \times 2 =$                        $7 \times 2 =$
- $2 \times 6 =$                        $2 \times 7 =$
- $8 \times 2 =$                        $8 \times 3 =$
- $3 \times 8 =$                        $2 \times 8 =$
- $5 \times 4 =$                        $5 \times 5 =$
- $5 \times 6 =$                        $4 \times 5 =$
- $6 \times 5 =$                        $2 \times 5 =$
- $5 \times 2 =$                        $5 \times 3 =$
- $3 \times 5 =$                        $5 \times 7 =$

×	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81

3

Rewrite the expressions below replacing addition with multiplication where possible.

- a)  $2 + 2 + 2 + 2 + 2 + 5 =$  \_\_\_\_\_
- b)  $5 + 5 + 5 + 5 + 4 =$  \_\_\_\_\_
- c)  $3 + 3 + 3 + 3 + 3 + 3 + 6 =$  \_\_\_\_\_
- d)  $7 + 7 + 7 + 3 =$  \_\_\_\_\_

4

Fill in the missed numbers to make the equations correct:

- $3 \times 2 =$  \_\_\_\_  $\times$  \_\_\_\_                      \_\_\_\_  $\times$  \_\_\_\_  $= 2 \times 8$
- $5 \times 2 =$  \_\_\_\_  $\times$  \_\_\_\_                      \_\_\_\_  $\times$  \_\_\_\_  $= 5 \times 8$
- $3 \times 5 =$  \_\_\_\_  $\times$  \_\_\_\_                      \_\_\_\_  $\times$  \_\_\_\_  $= 5 \times 6$

5

Solve the problems (show your work!):

a) One textbook costs \$5. How much should you pay to buy 6 such books? \_\_\_\_\_

b) The adult ticket to the museum costs \$20 and the child ticket costs \$3. There are 8 children in your group and one adult. How much total should your group pay for the museum tickets?  
\_\_\_\_\_

c) There are 5 people in the car. There are twice as many people in the minibus as in the car. On the bus, there are 5 times as many people as in the minibus. How many people are in all three vehicles altogether?  
\_\_\_\_\_  
\_\_\_\_\_

6

Write down numerical expressions, using operation signs and parentheses and calculate or simplify where possible:

a) Subtract 80 from the difference of 105 and 15 \_\_\_\_\_

b) To the sum of 35 and 15 add number 50 \_\_\_\_\_

c) To the difference of 25 and 10 add a sum of 46 and 24 \_\_\_\_\_

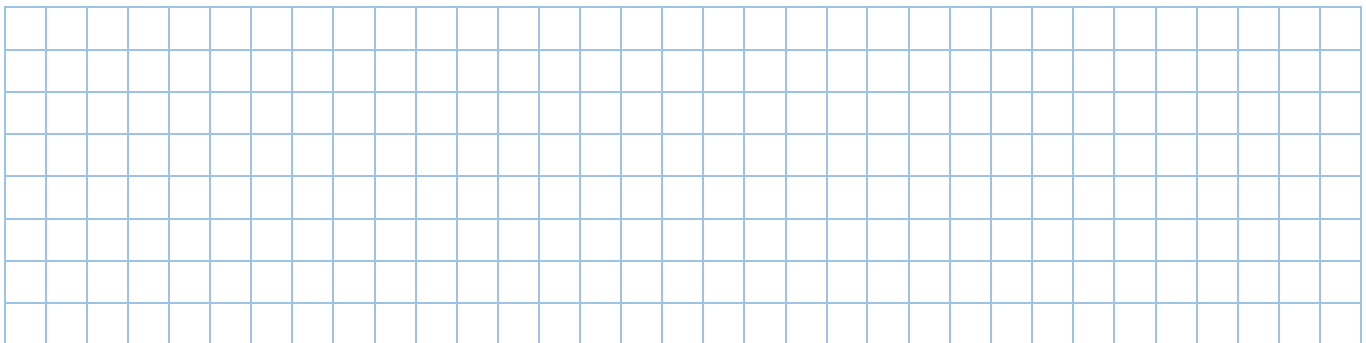
d) From the difference of 234 and  $a$  subtract a number 34 \_\_\_\_\_

e) Add  $b$  to the sum of  $a$  and  $b$  \_\_\_\_\_

7

On the grid below, draw a square with a side equals 2 cells (try to do it in the upper left corner to allow yourself more space). Using 4 such squares make a) square and b) rectangle

Find the perimeters of each shapes you got:



$P_{\text{square}} =$

$P_{\text{rectangle}} =$

HW 16

Multiplication. Multiplication table. Perimeter.

8

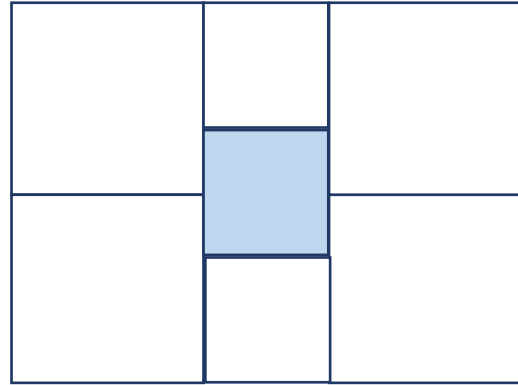
The rectangle below is divided into 7 squares. Find a perimeter of the rectangle if the side of shaded square is 2cm.

Find the length and width of the rectangle first.

Length = \_\_\_\_\_

Width = \_\_\_\_\_

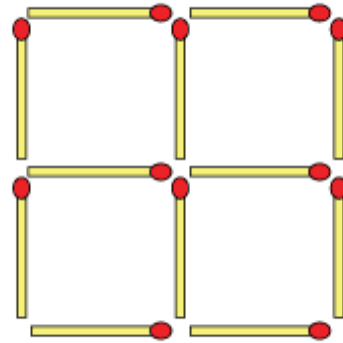
Perimeter =



9

Matchsticks puzzles.

a) Remove 2 matchsticks to leave 2 squares.



b) Remove 3 matchsticks to get 3 squares.

