1 Calculate according to the example.

1													
1 4	2 7	1 8	2 5	1 5	2 9	3 3
+ 6	+ 3	+ 2	+ 5	+ 5	+ 1	+ 7
2 0						

2

1. 12 carrots were divided between 2 bunnies equally. How many carrots did each bunny get?

_____
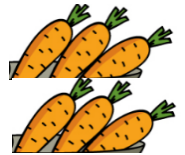
2. Betty threw the ball 8 m. Tom threw it 2 times as far. How many meters did Tom throw the ball?

8 m   8 m   Answer:_____m
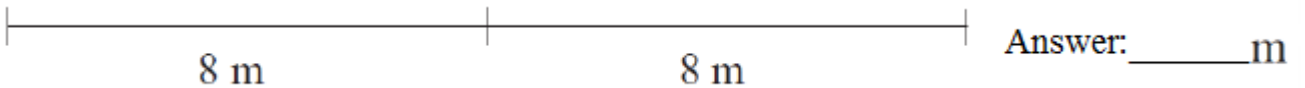
3. Five boys practicing soccer. Each scored 2 goals. How many goals were there in all?

_____

3

| 2	5	8	11	14
1	4	7	10	13
3	4	5	6	7
3	6	9	12	15

*Compare the numbers in each row. What do you notice? Find the row that does not belong. What is similar for all of the other rows

_____

4 Let's continue with the rest of the figures (use "K" for the kings, "Q" for the queens, etc.).

Piece	King	Queen	Rook	Bishop	Knight	Pawn
Number	1	1	2	2	2	8
Symbols						

	White	Black
King	e1	e8
Queen	d1	d8
Rook	a1	a8
Rook	h1	h8
Bishop	c1	c8
Bishop	f1	f8
Knight	b1	b8
Knight	g1	g8
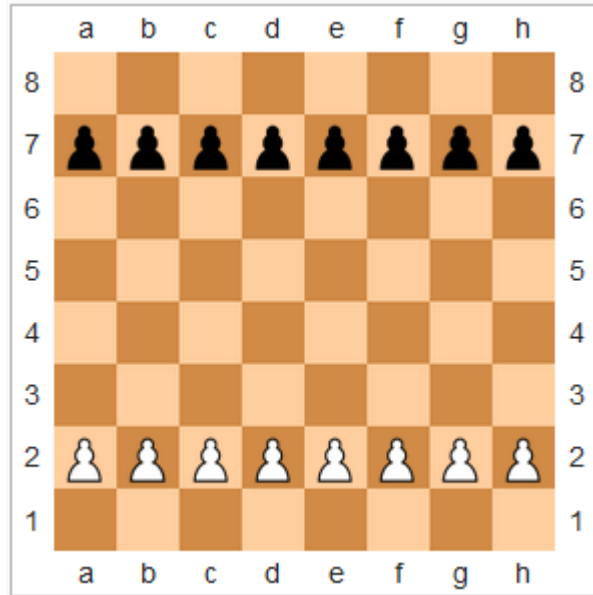
5 Roman numerals.

I	V	X	L	C	D	M
1	5	10	50	100	500	1000

Write these numbers in Roman numerals:

1. 15 = ☐   2. 40 = ☐   3. 92 = ☐   4. 61 = ☐

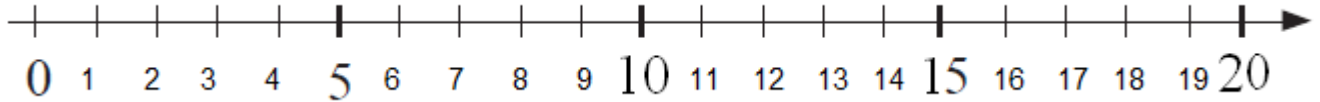Add and subtract Roman numerals:

X + III =   XVII - III =   LXX + II =

LIV - II =   XXIX - IX =   VIII + VII=

XV +V =   XXII - I =   LXX - X =

6 Insert an appropriate sign (+ or –).

| 16 * 4 - 8 = 12 | 3 * 2 * 6 - 8 * 9 = 12 | 3 * 2 * 6 * 4 * 5 - 8= 12 |

```
+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+---+→
0   1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19 20
```

7 Solve.

a) During the lesson Betty gave the right answer 5 times, and Fiona 2 times less than Betty. How many answers did Fiona give? How many did Andrew and Fiona give together?

_____

_____

b) Tom spent 30 minutes doing his homework. That was 10 minutes less than James. Who completed his homework quicker – Tom or James? How many minutes did James spend?

_____

_____

c) Peter solved 15 problems, and Brandon 4 problems more than Peter. How many problems did they solve together?

_____

_____

d) James broke 4 pencils during the lesson, and Tom broke 2 pencils less. How many pencils did the boys break together?

_____

_____

e) Peter memorized 12 multiplication facts, which is 2 more than James. How many multiplication facts did James learn?

_____

8   Calculate according to the example.

1 1 4 + 7 —— 2 1	2 7 + 3 ——	3 8 + 2 ——	4 5 + 5 ——	2 6 + 6 ——	4 9 + 1 ——	3 3 - 3 ——

15 - 5	15 - 12	73 + 7	32 + 8	20 - 5	74 + 6
64 + 6	75 - 5	20 - 1	18 - 8	73 + 7	29 + 1
50 + 8	65 + 5	23 + 7	89 - 9	43 - 3	44 - 14

9   Solve for X.

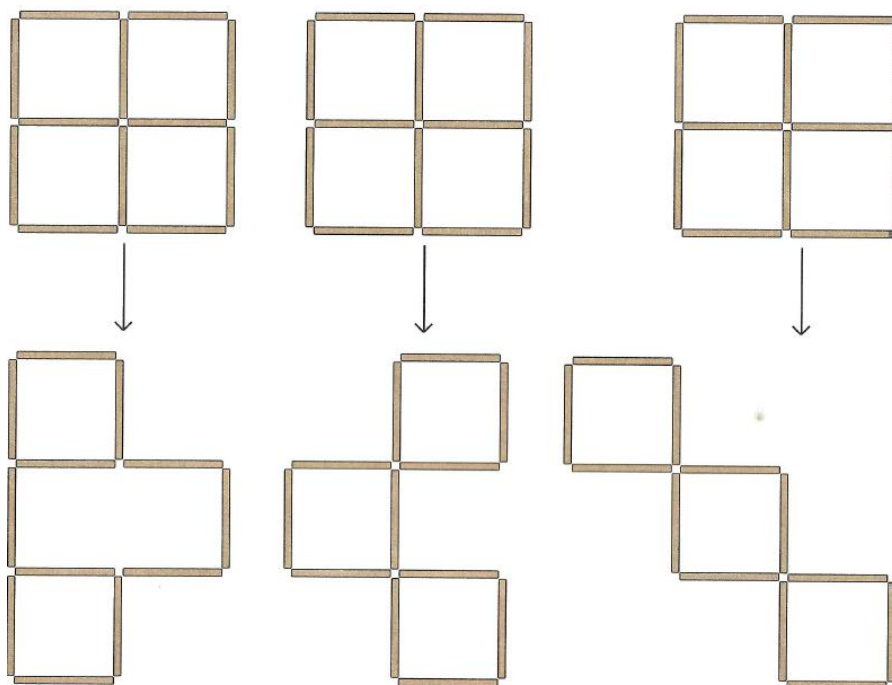|			
$X + 4 = 20$	$X - 8 = 72$	$16 + X = 39$	$32 + X = 48$
X =	X =	X =	X=
X =	X =	X =	X=
Check:	Check:	Check:	Check:

10   We made a square out of sticks. Show which sticks we have to move to make the new figure at the bottom. Try this with real sticks or matches.

11   Cut out the squares below and cut them into tangram pieces as shown. Using parts of the square make the pictures below (a knight) and glue them to the piece of construction paper.