



Anagha's Math

Anagha's Math Level 1- Week 10

We specialize in Advanced & School Level Math coaching for Grades: K- 12
 In-person & Online Math Group classes, Privates, Semi-Privates
 Our Mission: To educate, motivate and encourage every student to excel in mathematics.
 Email: admin@anaghasmath.com Website: <https://www.anaghasmath.com>
 Phone: (908)705-5397 & (425)830-9664
 Correspondence Address: 7040 Cascade Ave SE, Snoqualmie, WA 98065

Topics covered in class	Pages explained in class	Required Homework pages (2 Moola point)
*Review of concepts covered in the previous weeks	Difficult concepts from this packet will be reviewed in class and the rest of the packet is homework.	Full packet is required homework this week
Test 1 will be conducted during regular class next week. Use Answer-keys posted on Teams for Weeks 9 and 10. They are the review materials for Test 1		

Test 1 Information:

- Test 1 in Week 11 during regular class. Study material in Weeks 9 and 10 packet.
- Sample test available for practice on Teams General channel during week 10.

For Online Students:

- Test link on Teams General channel. It will be Active only during class time.
- Latecomers may not complete the test. Tests that are ^{not} submitted cannot be retrieved by us.
- Report cards will be posted on student channels by week 12.

For In-person Students:

- Paper test during regular class. Graded tests will be returned by week 12.

Moola Credits:

- Level K-5 (15 Moolas): \$5 Amazon Gift Card. Level 6-9 (15 Moolas): Five extra test points.

Make-up Tests and Other Test-related Information:

- Missed class, take the test in make-up class.
- At-home make-up/retake test link emailed to parents on Friday evening.
- Must be taken under parent supervision by Sunday night.
- Writing supplies are allowed for all levels.
- Grades K-6 Intermediate: No calculators, media devices, or reference materials.
- Grades 6 Adv-10: No media devices/reference materials, but calculators allowed.



"Success during a test depends on the preparation put in before the test."

**** GOOD LUCK TO ALL STUDENTS****

Teacher/ TA Homework Grading & Comments:

For In-Person student use only

STUDENT NAME: _____

Students, complete homework to the best of your ability & check work using the answer keys posted in TEAMS.

Has the student checked packet using Answer Key?	Required homework (1 Moola earned)	Extra credit homework (1 Moola earned)	Total Moolas earned this week.	Teacher/TA Name
Yes / No	Yes / No	Yes / No	0 1 2	



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About Us:

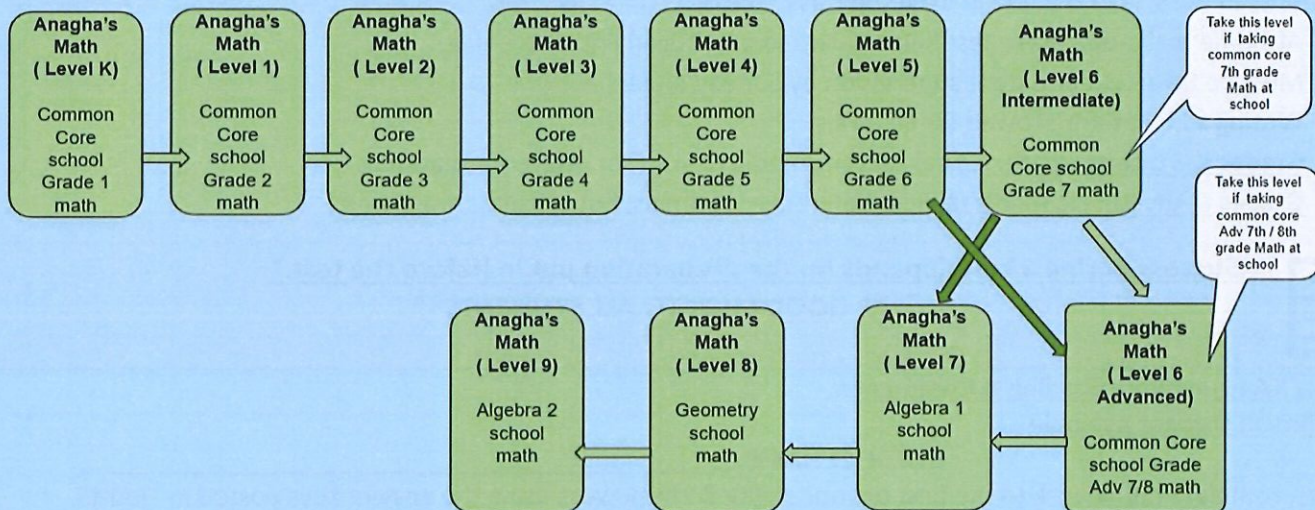
- We offer Advanced and School level math coaching to students from kindergarten to 12th grade.
- Classes are conducted In-person & online as small groups, private & semi-private tutoring throughout the year.
- Our teaching methodology and course curriculum enables students to learn mathematical fundamentals and concepts at their very foundations.
- This ensures a love for mathematics which then naturally flows into a successful school year with excellent grades.
- Anagha's Math Classes started with just a handful of students in Snoqualmie, WA. USA over 10 years ago.
- Today we have more than six hundred students nationwide and are still growing!
- The biggest compliment is our students continue with us over years till the end of the program.
- We are completely student-need focused and make our children be confident and independent Mathematicians!

Why our program is so effective?

- Our students develop lifelong critical thinking skills.
- Our curriculum not only meets common core requirements but also provides graduated challenges to those sharp eager minds!
- We are not dictated by any corporate office to deliver a set pattern of teaching material to our students.
- We have the flexibility to adapt our curriculum to match that of multiple school districts in USA.

Congrats to all our students! 95% of our students are in Advanced math at school.

Anagha's Math flowchart in comparison to school grades in USA



Program Highlights

- We offer in-person and online classes (Academic year and Summer programs).
- Unique one of a kind curriculum specifically designed to go beyond the needs of any school district in in United States.
- Our teaching style inculcated understanding on mathematics in a way that grows student confidence and ensures academic success.
- Experienced teachers who teach tips and tricks to mentally compute and/or solve problems in step by step manner.

full

Column 1

Column 2

1	<u>Draw a triangle inside a circle</u> 	<u>Draw a triangle outside a circle</u> 						
2	<u>Draw two circles inside a square</u> 	<u>Draw two circles, one inside the other</u> 						
3	<u>What number</u> <table border="1" data-bbox="250 1068 836 1451"> <tr> <td data-bbox="250 1068 552 1199">3 Tens 4 ones</td> <td data-bbox="552 1068 836 1199">34</td> </tr> <tr> <td data-bbox="250 1199 552 1325">5 Tens 2 ones</td> <td data-bbox="552 1199 836 1325"></td> </tr> <tr> <td data-bbox="250 1325 552 1451">9 Tens 9 ones</td> <td data-bbox="552 1325 836 1451"></td> </tr> </table>	3 Tens 4 ones	34	5 Tens 2 ones		9 Tens 9 ones		<p>You had 20 marbles. You gave your friend 11 marbles. How many marbles are left with you?</p> <div data-bbox="886 1331 1437 1423" style="border: 1px solid black; padding: 5px; text-align: center;"> marbles </div>
3 Tens 4 ones	34							
5 Tens 2 ones								
9 Tens 9 ones								
4	<p>If a chicken lays 3 eggs each day. How many eggs will it lay in 2 days?</p> <div data-bbox="277 1768 786 1879" style="border: 1px solid black; padding: 5px; text-align: center;"> eggs </div>	<p>If a chicken lays 3 eggs each day. How many eggs will it lay in 3 days?</p> <div data-bbox="902 1768 1414 1879" style="border: 1px solid black; padding: 5px; text-align: center;"> eggs </div>						

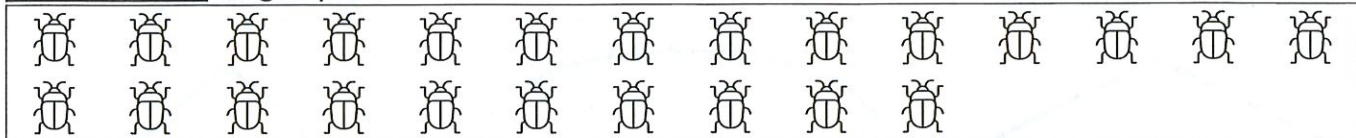
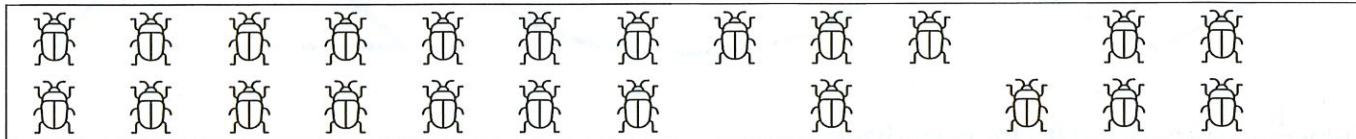
Column 1

Column 2

5	<p>Anna and Ben have 10 books each. How many books they have all together?</p> <p style="text-align: center;">books</p>	<p>Anna and Ben have 12 books each. How many books they have all together?</p> <p style="text-align: center;">books</p>														
6	<table border="1" style="width: 100%;"> <tr> <td data-bbox="164 688 248 888">a)</td> <td data-bbox="248 688 873 888"> <p>Who am I? I am three more than thirty</p> </td> <td data-bbox="873 688 1507 888"> <p>Who am I? I am five more than twenty</p> </td> </tr> <tr> <td data-bbox="164 888 248 1035">b)</td> <td data-bbox="248 888 873 1035"> <p>I am three less than thirty</p> </td> <td data-bbox="873 888 1507 1035"> <p>I am five less than twenty</p> </td> </tr> <tr> <td data-bbox="164 1035 248 1203">c)</td> <td data-bbox="248 1035 873 1203"> <p>I am the sum of 5 and 6</p> </td> <td data-bbox="873 1035 1507 1203"> <p>I am the sum of 9 and 9</p> </td> </tr> </table>		a)	<p>Who am I? I am three more than thirty</p>	<p>Who am I? I am five more than twenty</p>	b)	<p>I am three less than thirty</p>	<p>I am five less than twenty</p>	c)	<p>I am the sum of 5 and 6</p>	<p>I am the sum of 9 and 9</p>					
a)	<p>Who am I? I am three more than thirty</p>	<p>Who am I? I am five more than twenty</p>														
b)	<p>I am three less than thirty</p>	<p>I am five less than twenty</p>														
c)	<p>I am the sum of 5 and 6</p>	<p>I am the sum of 9 and 9</p>														
7	<p>How many tens and ones</p> <table border="1" style="width: 100%;"> <tr> <td data-bbox="164 1203 248 1497" rowspan="2">a)</td> <td data-bbox="248 1203 1133 1497"> </td> <td data-bbox="1133 1203 1295 1497">Tens</td> <td data-bbox="1295 1203 1507 1497">Ones</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td data-bbox="164 1497 248 1696" rowspan="2">b)</td> <td data-bbox="248 1497 1133 1696"> </td> <td data-bbox="1133 1497 1295 1696">Tens</td> <td data-bbox="1295 1497 1507 1696">Ones</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		a)		Tens	Ones				b)		Tens	Ones			
a)		Tens		Ones												
b)		Tens	Ones													

4) Alex jumped 9 times. Amanda jumped 19 times. How many less jumps did Alex have?	Laura jumped 25 times. Amanda jumped 13 times. How many more jumps did Laura have?										
<table border="1" style="width: 100%; height: 40px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 20%;"></td> <td style="width: 5%; text-align: center;">=</td> <td style="width: 50%;"></td> </tr> </table>		-		=		<table border="1" style="width: 100%; height: 40px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 20%;"></td> <td style="width: 5%; text-align: center;">=</td> <td style="width: 50%;"></td> </tr> </table>		-		=	
	-		=								
	-		=								

5) Shade or color the group that has 23 beetles.

6) Write in words

7	11
9	13
12	16
10	9

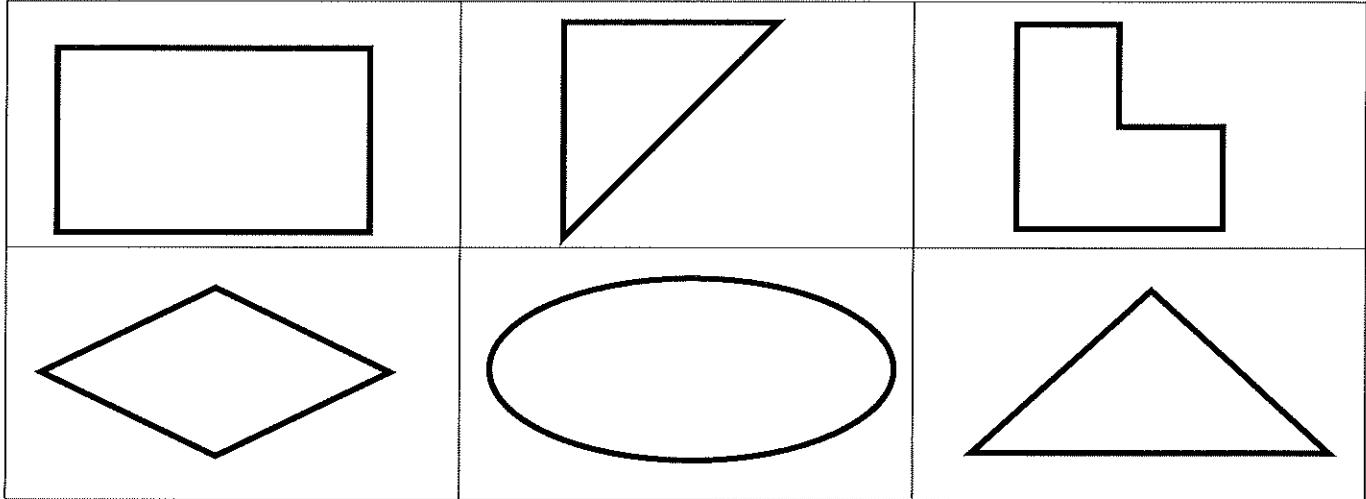
7) Subtract

$20 - 5 =$	$20 - 10 =$	$18 - 18 =$	$18 - 6 =$

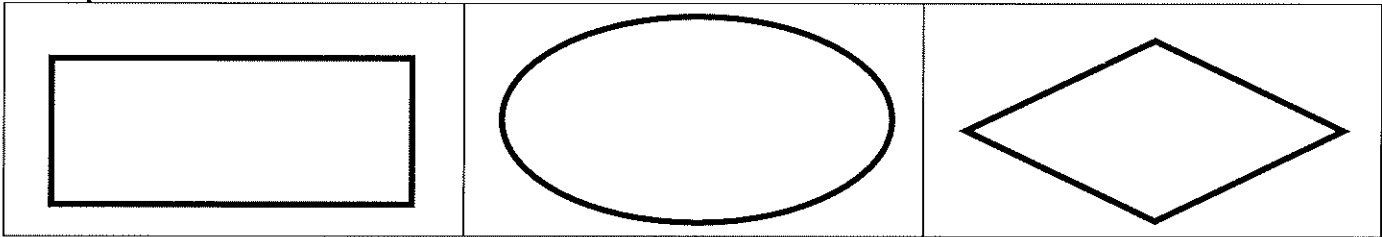
8) Draw tally marks

14	
21	

9 a) Color one half for each shape

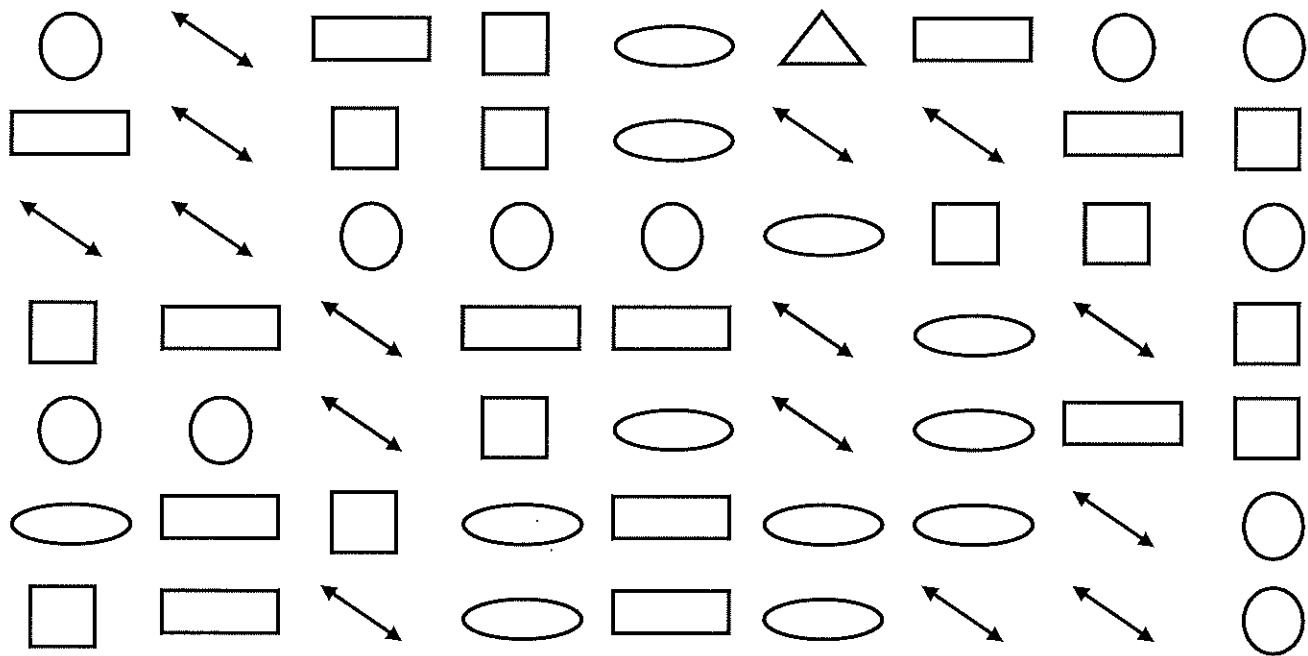


9 b) Color $\frac{1}{4}$ (one fourth) for each shape



10) Count how many

Rectangles	squares	Circles	Lines	Triangles	Ovals



Full

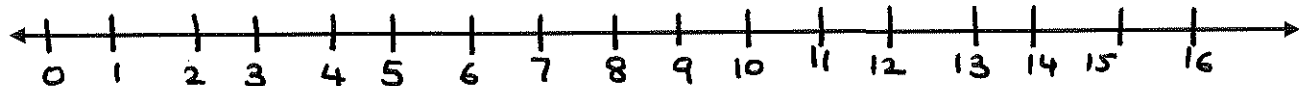
11 a)	Sana's grandmother is 80 years old now. How old was she 3 years ago? <input type="text"/> years	Susan will be 12 years old in 5 years from now. How old is she now? <input type="text"/> years	Anton's team has 42 soccer balls on the field and 21 soccer balls in the coach's bag. How many soccer balls does Anton's team have? <input type="text"/> balls								
11 b)	The length of Marisa's loaf of bread is 53 meters. She cut off and ate 10 meters of bread. What is the length of what she has left? <input type="text"/> m	There were 29 students at recess. A group of 7 students came outside to join them. How many students are there now? <input type="text"/> students	Lucy spent \$ 30 on a game. She started with \$ 44. How much money does Lucy have left? <input type="text"/> \$								
12	Fill in the blanks <table border="1" data-bbox="162 1071 1477 1281"><tr><td>$20 + \square = 24$</td><td>$\square - 3 = 15$</td></tr><tr><td>$\square + 6 = 10$</td><td>$\square - 7 = 17$</td></tr></table>			$20 + \square = 24$	$\square - 3 = 15$	$\square + 6 = 10$	$\square - 7 = 17$				
$20 + \square = 24$	$\square - 3 = 15$										
$\square + 6 = 10$	$\square - 7 = 17$										
13	Use the first number sentence in each set to help you solve the other problems. <table border="1" data-bbox="162 1365 1477 1806"><tr><td>$8 + 7 = 15$</td><td>$6 + 5 = 11$</td></tr><tr><td>$18 + 7 = \square$</td><td>$16 + 5 = \square$</td></tr><tr><td>$8 + 17 = \square$</td><td>$6 + 15 = \square$</td></tr><tr><td>$18 + 17 = \square$</td><td>$16 + 15 = \square$</td></tr></table>			$8 + 7 = 15$	$6 + 5 = 11$	$18 + 7 = \square$	$16 + 5 = \square$	$8 + 17 = \square$	$6 + 15 = \square$	$18 + 17 = \square$	$16 + 15 = \square$
$8 + 7 = 15$	$6 + 5 = 11$										
$18 + 7 = \square$	$16 + 5 = \square$										
$8 + 17 = \square$	$6 + 15 = \square$										
$18 + 17 = \square$	$16 + 15 = \square$										

14) Solve (show your work on the number line)

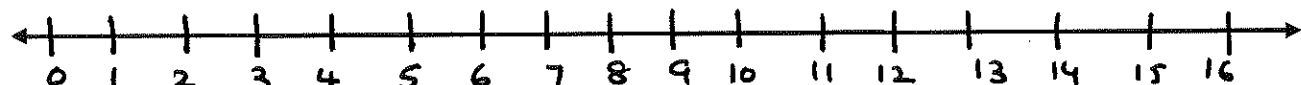
$$5 + 3 - 4 =$$



$$5 - 3 + 4 =$$



$$12 - 3 - 4 =$$



15) Draw segments in inches

4 inches



2.5 inches



16) Draw segments in CMS

5 centimeters (cm)









8 centimeter (cm)



1	In skip counting by 5, what number comes next 70, 75, 80, _____	In skip counting by 3, what number comes next 7, 10, 13, _____	In skip counting by 4, what number comes next 14, 18, 22, _____
2	In skip counting by 4, what number comes next 70, _____	In skip counting by 3, what number comes next 29, _____	In skip counting by 6, what number comes next 22, _____
3	What number comes right after 167?	What number comes right after 189?	What number comes right after 207?
4	What number comes right before 99?	What number comes right before 150?	What number comes right before 269?
5	What number is 7 more than 7?	What number is 8 more than 8?	What number is 9 more than 9?
6	$3 + 4 + 3 =$	$5 + 4 + 5 =$	$7 + 4 + 3 =$

1/10 - Pg ⑦

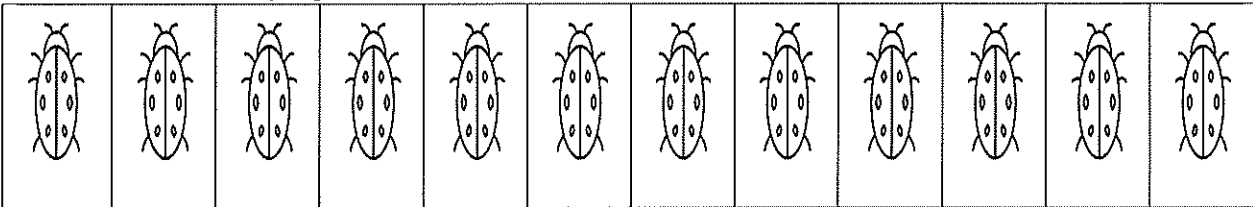
1	$1 + \underline{\quad} = 5$ 	$1 + \underline{\quad} = 9$ 	$1 + \underline{\quad} = 11$ 
---	--	---	---

2	$0 + \underline{\quad} = 5$ 	$0 + \underline{\quad} = 9$ 	$0 + \underline{\quad} = 11$ 
---	--	---	---

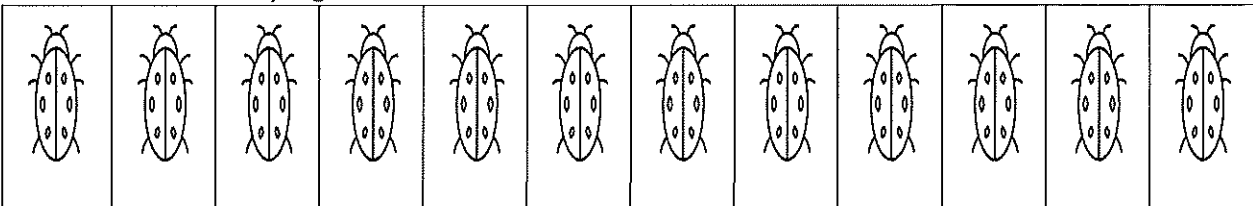
3 Fill in the blank with the correct sign $>$ or $<$ or $=$

$56 \underline{\quad} 79$	$96 \underline{\quad} 79$	$100 \underline{\quad} 79$
$158 \underline{\quad} 97$	$200 \underline{\quad} 199$	$50 \underline{\quad} 400$

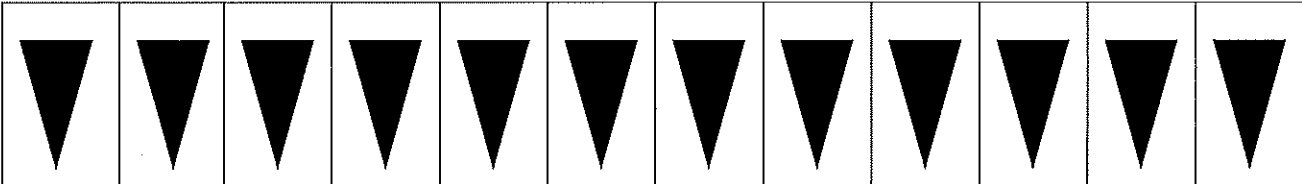
4 Cross off the ninth ladybug .

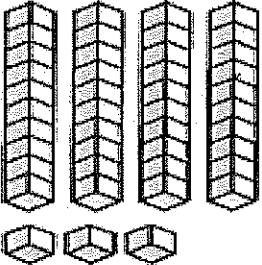
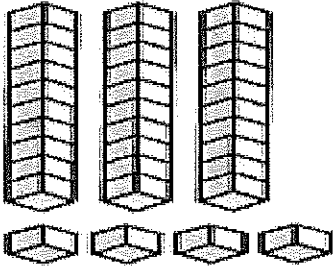
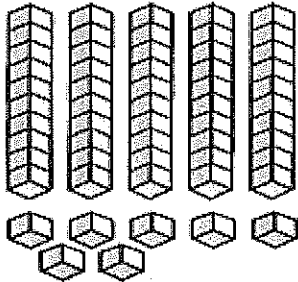
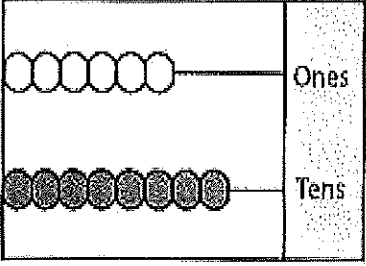
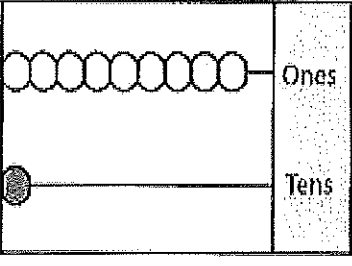
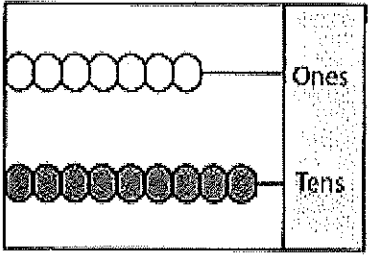


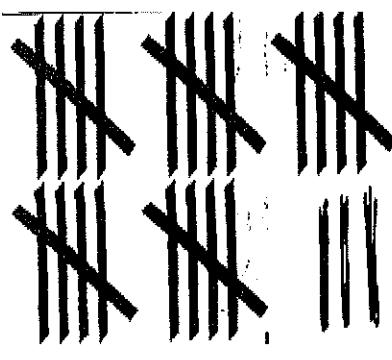
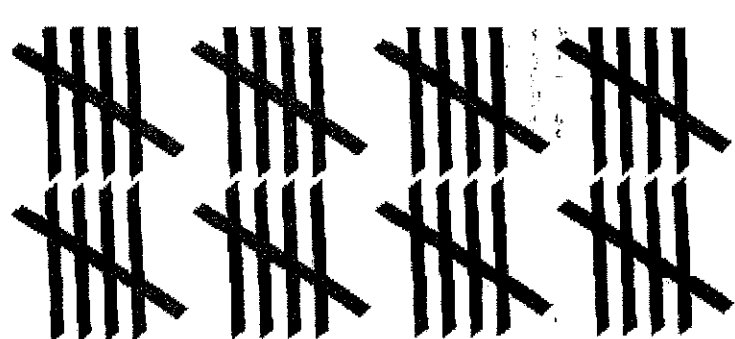
Cross off the third ladybug.



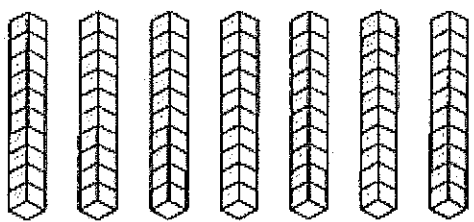

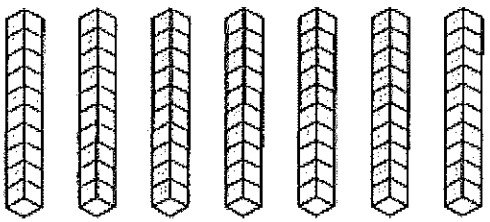
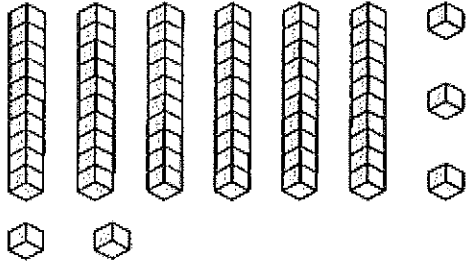
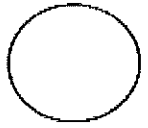
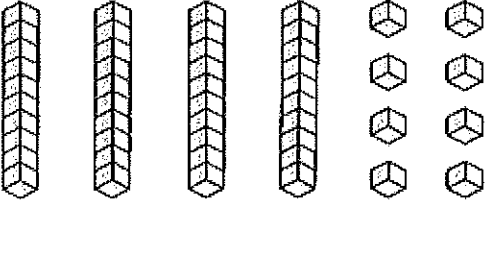
Cross off the eleventh triangle.



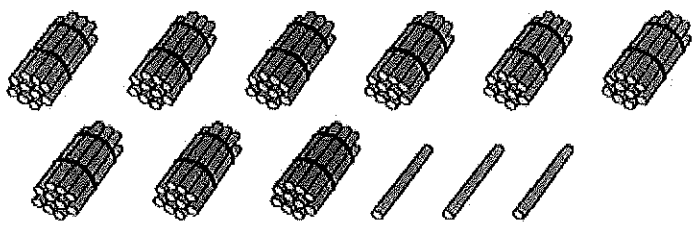
1	What number comes right after 455?	What number comes right after 352?	What number comes right after 299?
2	What number comes right before 455?	What number comes right before 352?	What number comes right before 299?
3	<p>How many tens and how many ones?</p> 	<p>How many tens and how many ones?</p> 	<p>How many tens and how many ones?</p> 
	_____ tens & _____ ones.	_____ tens & _____ ones.	_____ tens & _____ ones.
4	<p>What number is shown?</p> 	<p>What number is shown?</p> 	<p>What number is shown?</p> 

<p>1 What number is shown?</p> 	<p>What number is shown?</p> 										
<p>2 Spell :</p> <p>17: _____</p> <p>40: _____</p> <p>19: _____</p> <p>80: _____</p> <p>20: _____</p>											
<p>3 Write the matching number</p> <table border="1" data-bbox="203 1239 1485 1480"> <tr> <td>Fifteen</td> <td>Thirty-two</td> <td>Sixty-five</td> <td>Ninety</td> <td>Twenty- seven</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		Fifteen	Thirty-two	Sixty-five	Ninety	Twenty- seven					
Fifteen	Thirty-two	Sixty-five	Ninety	Twenty- seven							
<p>4 One octopus has 8 legs. How many legs will two octopus have in all?</p>	<p>One ant has 2 eyes. How many eyes will 5 ants have in all?</p>	<p>One ant has 6 legs. How many legs will 3 ants have in all?</p>									
<p>legs</p>	<p>eyes</p>	<p>legs</p>									

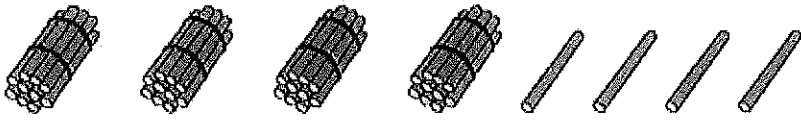
1 Fill in the blank with the correct sign $>$ or $<$ or $=$

2 How many tens and how many ones?



Tens	Ones



Tens	Ones

3 Choose the correct place value of 1 in 91

- One's place
- Ten's place
- Hundred's place

Choose the correct place value of 1 in 912

- One's place
- Ten's place
- Hundred's place

Choose the correct place value of 1 in 192

- One's place
- Ten's place
- Hundred's place

4

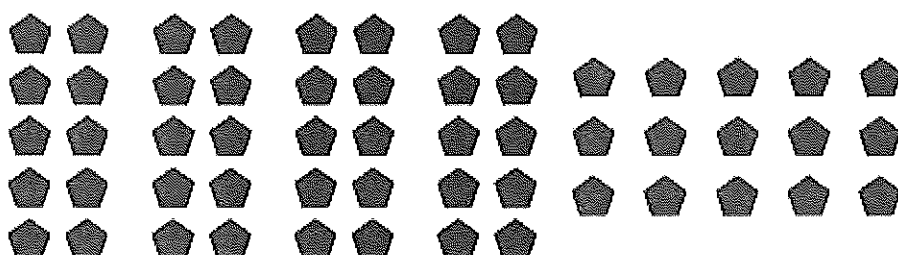
1 ten = _____ ones	7 tens = _____ ones	9 tens = _____ ones
2 tens = _____ ones	6 tens = _____ ones	4 tens = _____ ones

1 What is the place value of the underlined digit?

<u>6</u> 7	13 <u>4</u>	<u>9</u> 9	<u>1</u> 5
<ul style="list-style-type: none"> • Tens • Ones 	<ul style="list-style-type: none"> • Tens • Ones 	<ul style="list-style-type: none"> • Tens • Ones 	<ul style="list-style-type: none"> • Tens • Ones

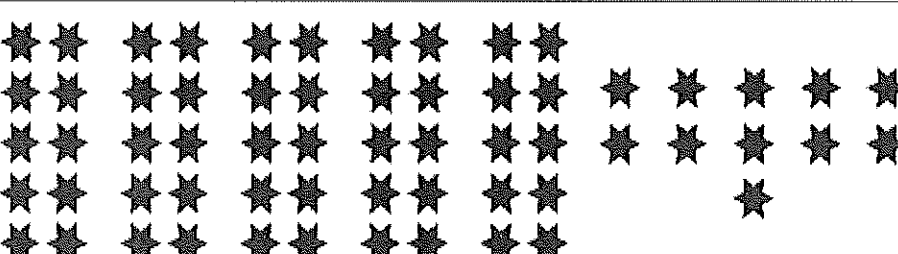
2 Count how many

a)



Total number of shapes =

b)



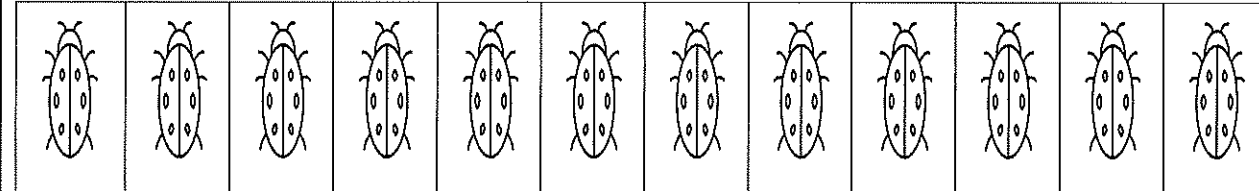
Total number of shapes =

3 Solve:

$25 + 13 + 2 = \underline{\hspace{2cm}}$

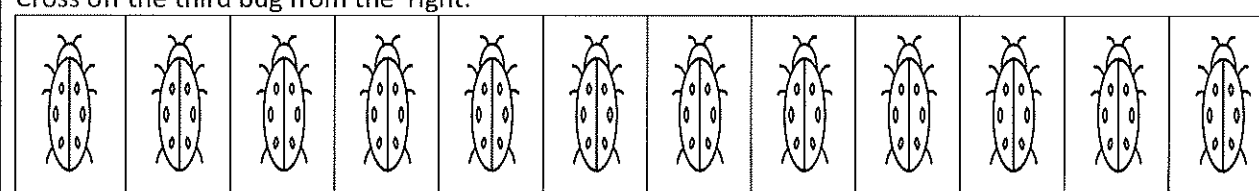
4 Cross off the first bug from the right.

a)



Cross off the third bug from the right.

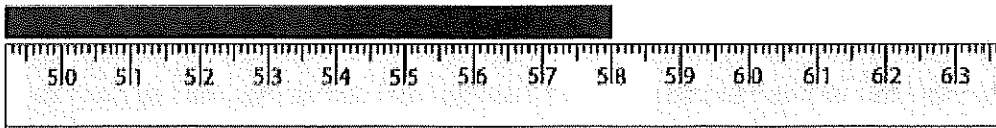
b)



full

1 What is the length of each bar?

a)



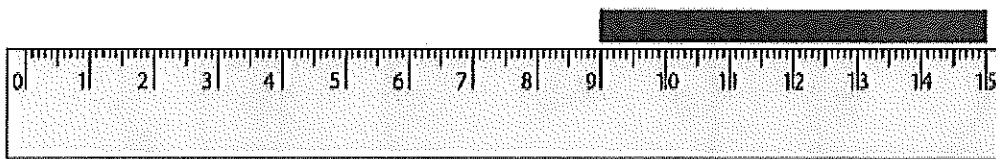
_____ cm

b)



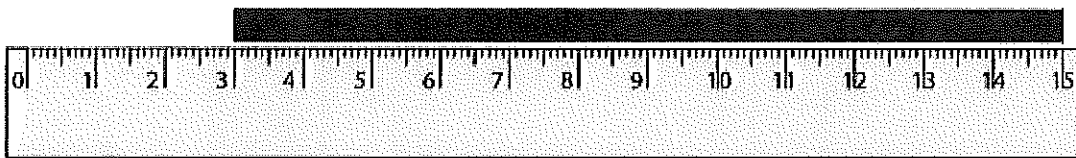
_____ cm

c)



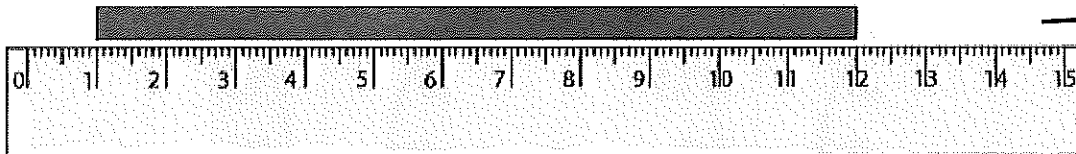
_____ cm

d)



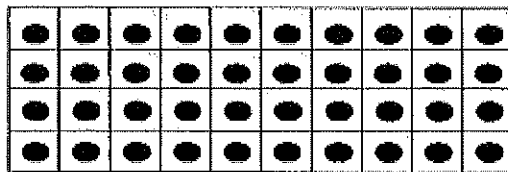
_____ cm

e)

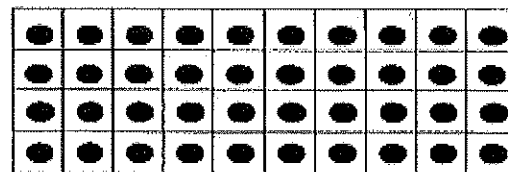


_____ cm

2 Solve

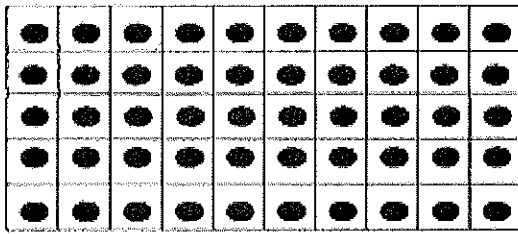


$$40 - 16 =$$

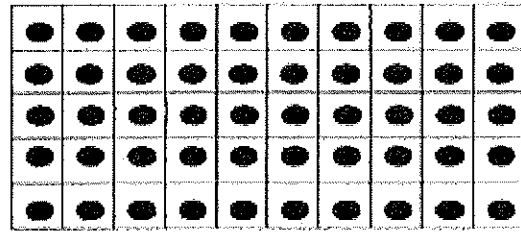


$$40 - 36 =$$

1



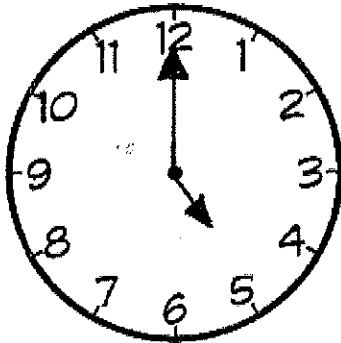
$$50 - 27 =$$

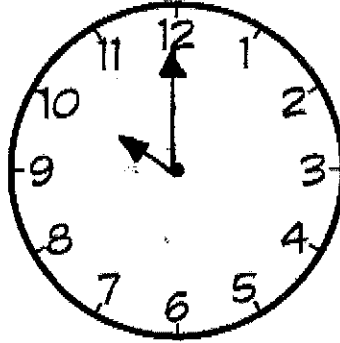


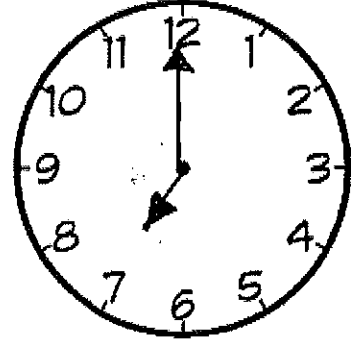
$$50 - 37 =$$

2

What time is it?

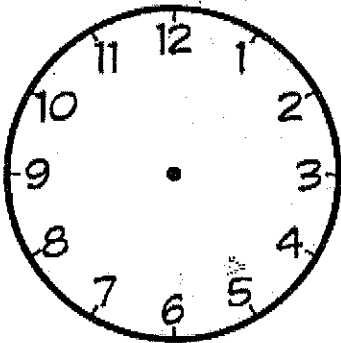


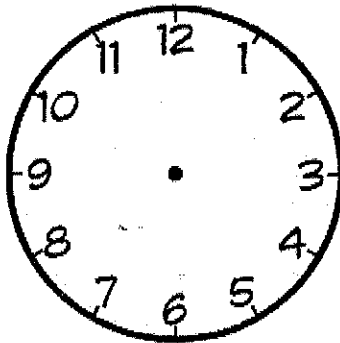


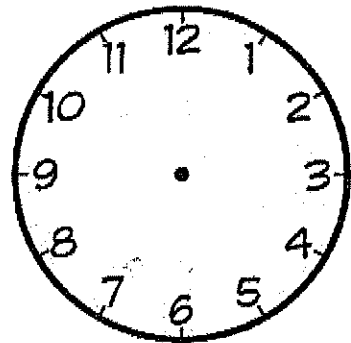


3

Mark the time on the clock







4

Solve:

$$25 - 13 + 2 = \underline{\hspace{2cm}}$$

34 Add

a)	16 + 3	20 + 4	11 + 11

34 Subtract

b)	25 - 5	25 - 9	30 - 15

35 a) Brenda has 14 red pens. Her dad gave her some more black pens. Now she has 19 pens in all.

Complete the number sentence

	+		=		pens
--	---	--	---	--	------

35 b) Danny sees 17 fish and 20 sea horses. How many more sea horses than the fish?

Complete the number sentence

	-		=		sea horses
--	---	--	---	--	------------

36

<div style="border: 1px solid black; width: 100px; height: 80px; display: flex; align-items: center; justify-content: center;"> less </div>	<div style="border: 1px solid black; width: 100px; height: 80px; display: flex; align-items: center; justify-content: center;"> more </div>


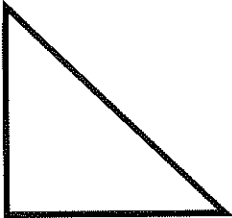


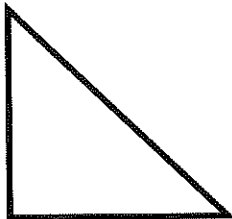

37 Complete the table

506			
			513
400			
			407
695			

38 Circle the largest number. Cross off the smallest number in each group

a)	145	315	600	60	79
b)	184	941	360	306	904
c)	900	400	700	30	600

39 Color/ shade as instructed

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

40

Complete the table below

197	198	
		208

41

Complete the table below (hint: count backwards)

300	299	298
297		
		289

42	Add/ Subtract			
	a	$16 + 4 =$	f	$16 - 4 =$
	b	$20 + 3 =$	g	$20 - 3 =$
	c	$18 + 5 =$	h	$18 - 5 =$
	d	$17 + 8 =$	i	$17 - 8 =$
	e	$15 + 6 =$	j	$15 - 6 =$

43 (a)	Circle the odd numbers (end in 1, 3, 5, 7, 9)			
	43	49	72	22
	18	54	25	28
	34	66	65	39
	83	51	57	50

43
(b) Monday, _____, Wednesday
1/10 - Pg (18)

full

44 Circle the **even** numbers (End in 0, 2, 4, 6, 8)

53	40	30	44
15	21	37	38
42	26	29	13
61	35	28	25

45 Cross off (X) the boxes with two digit numbers

70	400	07	43
45	199	92	99
9	3	83	7
135	09	63	33

46 Write in expanded form

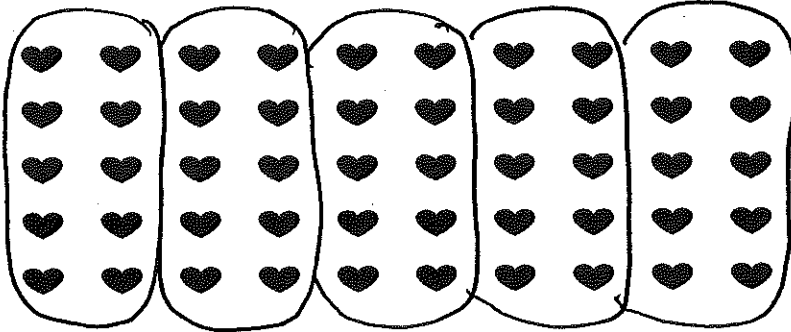
a	$345 = 300 + 40 + 5$
b	$623 =$
c	$456 =$
d	$713 =$

46(e) Fill in the missing days

Friday, _____, _____, _____ Monday
1/10 Pg (19)

47

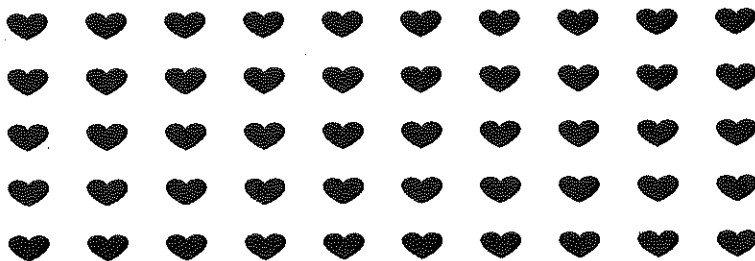
Divide in groups of 10 and write how many groups in the box



5 groups

48

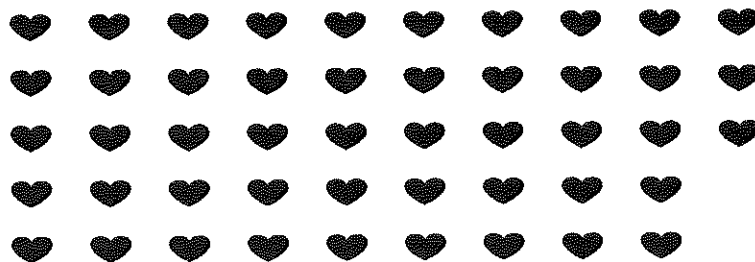
Divide in groups of 5 and write how many groups in the box



groups

49

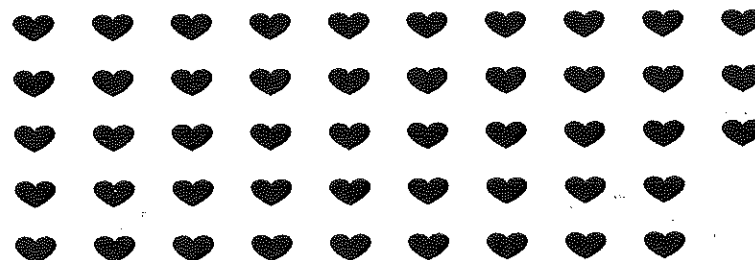
Divide in groups of 3 and write how many groups in the box



groups

50

Divide in groups of 4 and write how many groups in the box

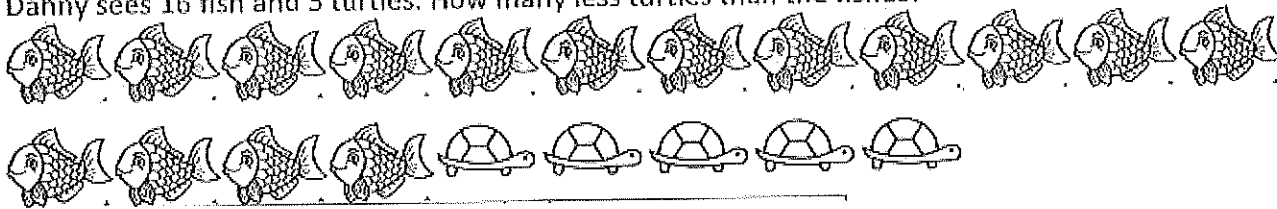


groups

1	There are a total of 26 frogs in a pond. Out of that, 10 are on a lily pad in the pond and the rest are in the water. How many frogs are in the water?	Jane has 25 stickers on a paper. 16 are on the front side and the rest on the back side of the paper. How many stickers are on the back side of the paper	Ben has 14 books and Jill has one more book than Ben. How many books do they have in all?
	frogs	stickers	books
2	Ben is 22 years old. Anna is 5 years younger than Ben. How old is Anna?	Ben is 22 years old. Stella is 9 years older than Ben. How old is Stella?	Terry invited 30 people to a party. 17 of them came on time. How many people were late to the party?
	years old	years old	people
3	A box has 30 candies in all. 13 are Twix, 5 are Kit-kat and the rest are Snickers. How many are Snickers?	Don has 14 race cars, 16 trucks and 7 two bikes in his toy set. How many is that in all?	Don spends 5 minutes praying each day this week before going to school, Monday to Friday. How many minutes does he pray in all?
	snickers	in all	minutes
4	Movie start time: 5:00 pm Movie End time: 7:00 pm How long was the movie?	Swim meet start time: 12:00 pm Swim meet end time: 6:00 pm	School start time: 8:00 am School end time: 11:00 am
	hours long	hours long	hours long

1

Danny sees 16 fish and 5 turtles. How many less turtles than the fishes?



less turtles

2

Collin sees a group of 21 ants in all. 14 of them are red and the rest are black. Write a number sentence to show how many ants are black.

		=	
--	--	---	--

black ants

3

One Octopus has 8 legs. Write a number sentence to show how many legs do 4 Octopus have in all.

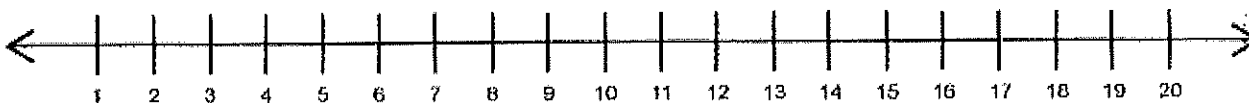
	+		+		+		=	
--	---	--	---	--	---	--	---	--

legs

4

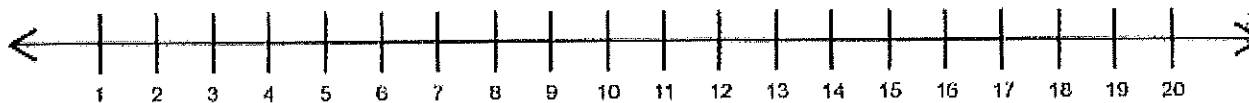
Solve using the number line

$$6 + 5 - 7 = \boxed{}$$



Solve using the number line

$$20 - 5 - 7 = \boxed{}$$



Solve using the number line

$$14 - 5 + 6 = \boxed{}$$

