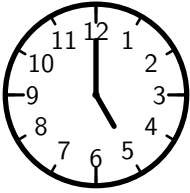**Name:** _____   **Date:** _____
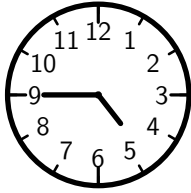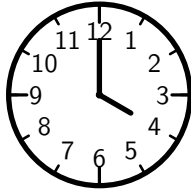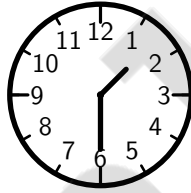

Alpha(α)
Sample Homework

Start Time: _____   **End Time:** _____

1 - Clock

What time do the following clocks show?

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____
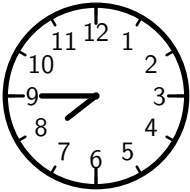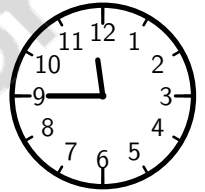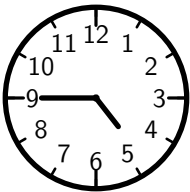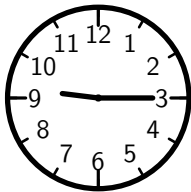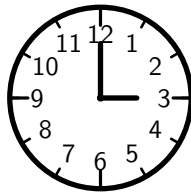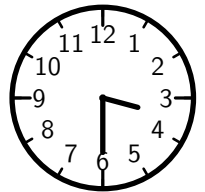
2 - Add 10 or 20

Add 10 or 20 to a number.

$19 + 10 =$ $31 + 20 =$ $70 + 10 =$

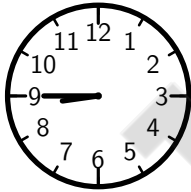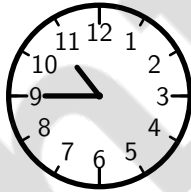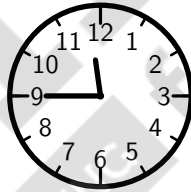$30 + 20 =$ $71 + 10 =$ $10 + 10 =$

$53 + 10 =$ $49 + 10 =$ $14 + 20 =$

$12 + 10 =$ $58 + 20 =$ $31 + 10 =$

$34 + 20 =$ $67 + 10 =$ $29 + 10 =$

$75 + 10 =$ $33 + 10 =$ $53 + 20 =$

$74 + 10 =$ $50 + 20 =$ $12 + 10 =$

$45 + 20 =$ $44 + 10 =$ $47 + 10 =$

$52 + 10 =$ $44 + 10 =$ $42 + 20 =$

$28 + 10 =$ $51 + 20 =$ $30 + 10 =$

3 - Problems
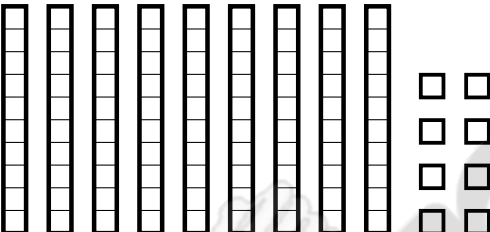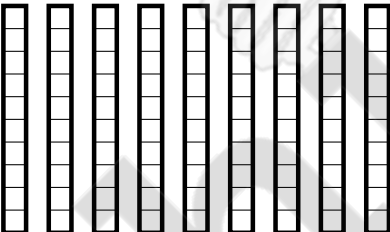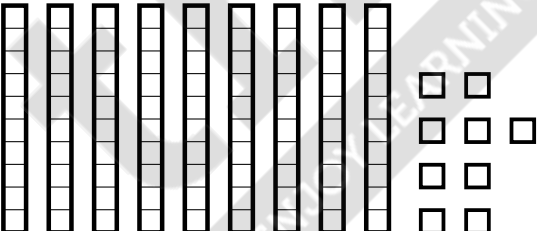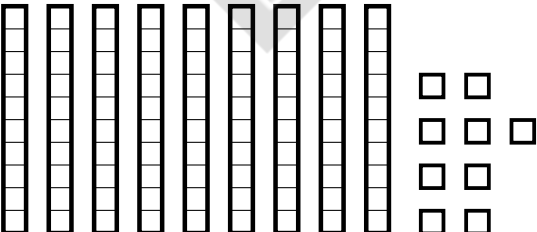
1. $\left[\boxed{\clubsuit^{56}_{54}}\right]$ There are 2 apples for every 3 pears. If there are a total of 9 pears, how many apples are there?

Answer: _____

2. $\left[\boxed{\clubsuit^{56}_{55}}\right]$ Write all 3-digit numbers that start in 5 and end in 8.

4 - Place Value

Color the 10s and 1s for the given numbers.

28	
10	
41	
43	

5 - Table Pattern

Count by 10s. Fill in the empty cells. Pay attention to the pattern in the columns and rows.

		430	440	450	460	470			500
510	520	530	540	550			580	590	
610	620			650			680	690	
	720	730			760				800
810		830		850	860		880	890	
	920	930		950		970			

6 - Subtraction

How many subtractions can you do ?

minutes	4	
#		

9 − 1	3 − 2	8 − 3	4 − 4	8 − 3	8 − 2	3 − 2	4 − 2
9 − 2	4 − 2	5 − 1	7 − 4	9 − 1	8 − 1	10 − 4	7 − 1
11 − 3	12 − 4	6 − 4	3 − 3	13 − 4	11 − 4	11 − 4	6 − 1
2 − 1	10 − 2	7 − 1	9 − 3	5 − 3	5 − 2	6 − 1	13 − 4
8 − 3	9 − 3	2 − 1	5 − 1	4 − 3	5 − 2	5 − 1	8 − 3

7 - Problems

3. $\left[\clubsuit_{56}^{56}\right]$ How many months are there in a year?

Answer: _____

4. $\left[\clubsuit_{57}^{56}\right]$ Name all the even months in order, with January being month 1.

5. $\left[\clubsuit_{58}^{56}\right]$ What month was it 8 months before December?

1	2	3	4	5	6	7	8	9	10	11	12
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Answer: _____

There are 60,000 miles of blood vessels in the human body
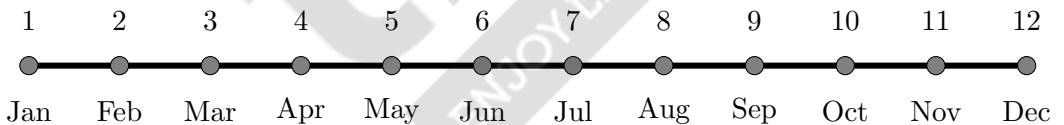
Order of Numbers

Order the numbers from the largest to the smallest.

24, 38, 26, 70, 64, 12

26, 73, 78, 92, 71, 71

83, 32, 32, 97, 15, 54

Order the numbers from the smallest to the largest.

22, 86, 99, 65, 89, 77

82, 31, 77, 40, 90, 47

97, 27, 49, 74, 33, 25

8 - Problems

6. $\left[\begin{smallmatrix} 56 \\ 59 \end{smallmatrix}\right]$ Nancy's piano class is from 4:45pm to 5:30pm. How long is her class?

Answer: _____

7. $\left[\begin{smallmatrix} 56 \\ 60 \end{smallmatrix}\right]$ Jennifer is 3 years older then Kelly, and Kelly is 2 years older than Tara. If Tara is 5 years old, how old is Jennifer?
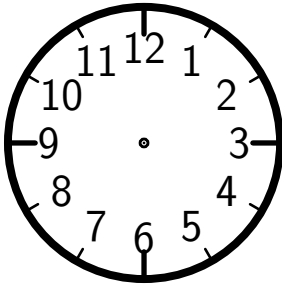
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

Answer: _____

9 - Clock

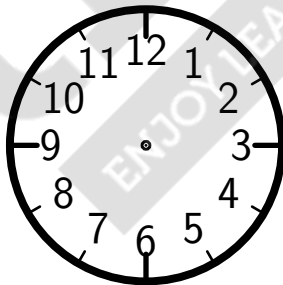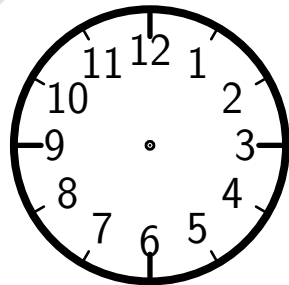Draw the hour and minute hands.

2:30	3:45	9:00
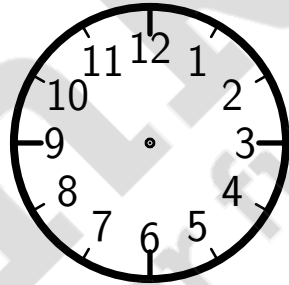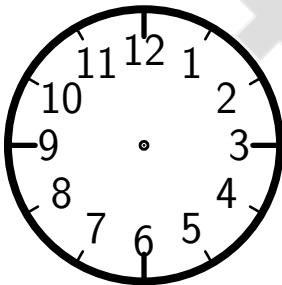
8:45	9:30	10:45

10 - Bowling Fun!

In every exercise, color the pins to knock down to get the target number. If you can't make the number with the pins given, cross that set out.

12 3 1 5 1 2 1 5   5 4 2 1 4 1 6   2 6 6 3 4 4 2

15 5 8 6 2 1 5 2   9 3 7 2 1 4 6   4 6 2 1 3 5 6

13 3 4 7 1 3 5 1   5 4 7 1 4 4 6   5 7 1 2 2 1 5
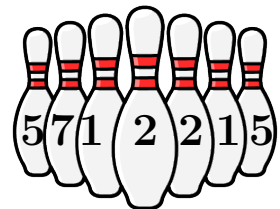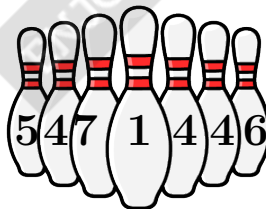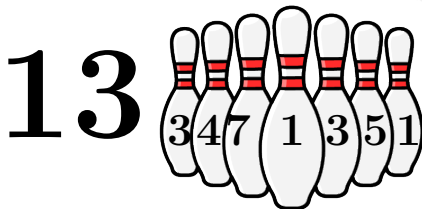
11 - Problems

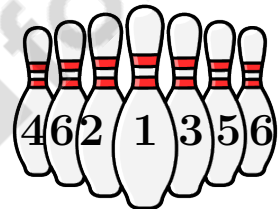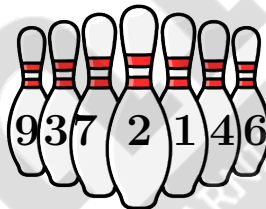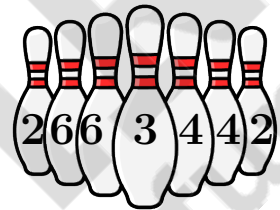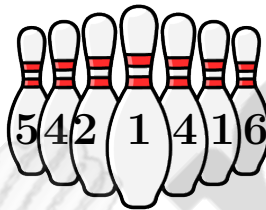8. $\left[\clubsuit_{61}^{56}\right]$ Gina started working on her homework at 3:30pm. She worked on it for 45 minutes. At what time was Gina done with her homework?

Answer: _____

9. $\left[\clubsuit_{62}^{56}\right]$ There are 30 more girls than boys in the party. If there are 20 boys, how many kids are there in all?

Answer: _____

12 - Addition

How many additions can you do ?

minutes	4	
#		

7	2	4	4	5	8	5	6
+ 5	+ 6	+ 4	+ 3	+ 6	+ 3	+ 5	+ 3

4	1	6	9	9	4	6	1
+ 4	+ 3	+ 6	+ 3	+ 4	+ 3	+ 6	+ 6

1	4	8	6	5	6	9	5
+ 5	+ 5	+ 3	+ 6	+ 6	+ 4	+ 5	+ 4

3	9	6	8	3	3	8	4
+ 5	+ 3	+ 5	+ 5	+ 3	+ 5	+ 3	+ 4

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

13 - Count by 5s

Write the missing numbers in the following number lines.

☐ 50 55 60 65 ☐ 75 80 85 90 95

☐ 35 40 45 ☐ 55 ☐ ☐ 70 75 80

☐ 190 195 200 205 210 215 220 225 ☐ ☐

☐ 105 ☐ ☐ ☐ ☐ ☐ 135 ☐ 145 150

250 255 ☐ 265 ☐ ☐ 280 285 290 ☐ ☐
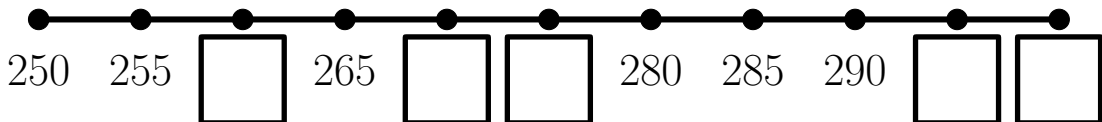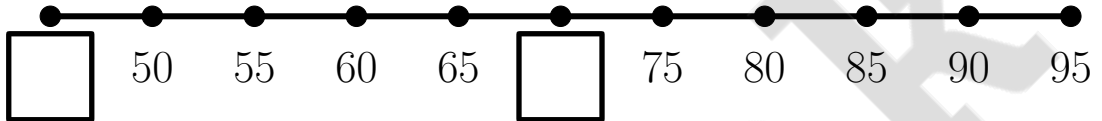
14 - Fun Time

Sum-Difference Puzzles

10s | Write a single-digit number in each empty box so every expression across or down equals **10**. Calculate from left to right and top to bottom.

Puzzle 1 (top-left):
- Row: 6 − 3 + [a]
- 6 − 5 + [c] (down)
- Down middle: [a] − 1 + [d]
- Right column: 9 − 2 + ...

Grid cells as shown:

6	−	3	+	a
−				−
5			1	
+			+	
c		9	d	
		−		
		1		
		+		
7	−	f	+	g

Right puzzle:

9			
−			
4	−	2	+	b
+			
e			
8			
−			
4			
+			
h	−	5	+	i