

1.

Four children have different last names. Find out everyone's full name.

	<i>Smith</i>	<i>Jones</i>	<i>Gonzales</i>	<i>Lee</i>
<i>Sam</i>				
<i>Lil</i>				
<i>Dan</i>				
<i>Barb</i>				

1. Barb's last name does not have a "z" in it.
  2. Sam's last name does not end with an "s".
  3. Lil's last name has 5 letters in it.
  4. Sam's last name is not the shortest one here.
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2.

**Fill the missing numbers into the tables.**

+	9	5	4
6			
8			
7			

+		5	8
8		13	
			17
12	19		

+	6		
	12		
14		35	
42			72

## Homework 5

- 3.** There are many coins of 1, 5, 10, and 25 cents. In how many ways can you collect 20 cents? 35 cents? 50 cents? Write down as many ways as you can find. For example:  $20 = 5 + 5 + 5 + 5$  or  $10 + 10$  or  $5 + 5 + 10$  or  $10 + 5 + 1 + 1 + 1 + 1 + 1$ , etc.

*Practice in the space below and write how many different ways did you find .*

20 cents: \_\_\_\_\_ different ways

35 cents : \_\_\_\_\_ different ways

50 cents : \_\_\_\_\_ different ways

Homework 5

4. a) Susan wanted to make a birthday card for her best friend but needed some art supplies. She emptied her piggy bank and found 1 quarter, 5 dimes, 3 nickels, and 8 pennies. How much money did Susan find in her piggy bank?



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- b) Susan went to the store with her mother and saw a pack of stickers for 35¢ and a glitter pen for 60¢. Does Susan have enough money to buy both items to make her birthday card?

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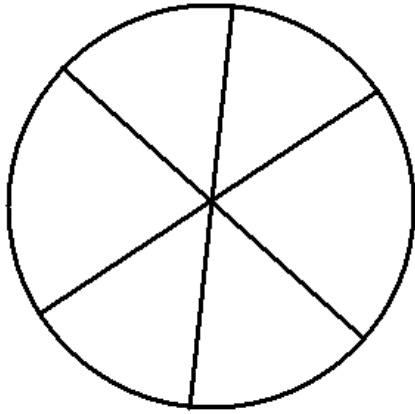
- c) While Susan was at the store; she saw a ring that she would like to have herself. The ring costs 45¢. Does she have any money left to buy a ring?

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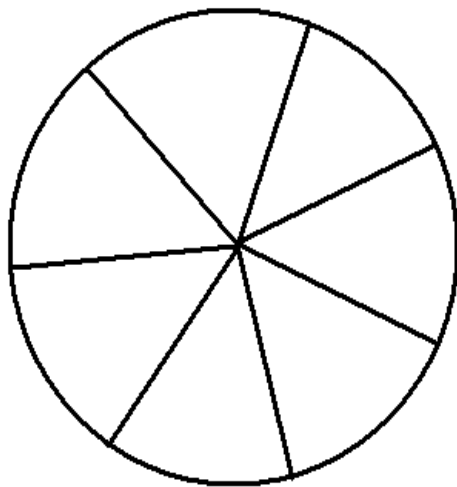
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Homework 5

5. Color all parts of the circle in **red and blue**. Neighboring parts must be colored in different colors.



Could you do the same thing with this picture? How many colors do you need to color it properly (neighboring parts cannot be the same colors)?



Homework 5

6. a) Calculate using an example.

$$\begin{array}{r} 52 \\ +33 \\ \hline 12 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 32 \\ + 23 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 35 \\ + 42 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 32 \\ + 21 \\ \hline 13 \end{array}$$

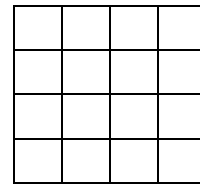
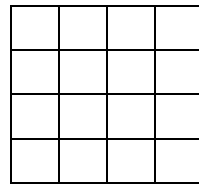
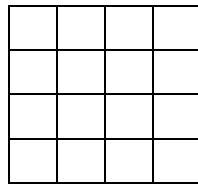
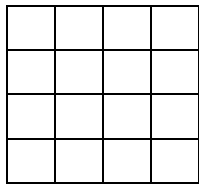
b) Write addends one under another, do an addition , write your answer:

$44 + 710 = \underline{\quad}$

$117 + 72 = \underline{\quad}$

$111 + 513 = \underline{\quad}$

$678 + 301 = \underline{\quad}$



7. Solve for x using a diagram and check your answer:

$x - 2 = 38$

$16 + x = 59$

$60 - x = 40$

$x = \underline{\quad}$

$x = \underline{\quad}$

$x = \underline{\quad}$

$x = \underline{\quad}$

$x = \underline{\quad}$

$x = \underline{\quad}$

$\underline{\quad}$  ✓

$\underline{\quad}$  ✓

$\underline{\quad}$  ✓



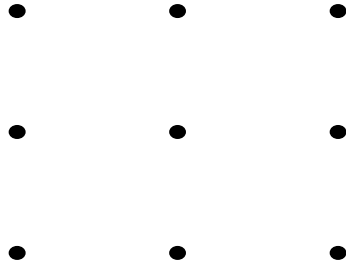
Homework 5

8.

Challenge yourself!

Without lifting up your pencil connect 9 points with 4 straight line segments.

Practice on the separate paper first!



9.

Convert:

$$2\text{km} = \underline{\hspace{2cm}} \text{ m}$$

$$3000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

$$30 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$500 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$$

$$1\text{m } 60 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

$$50 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$$

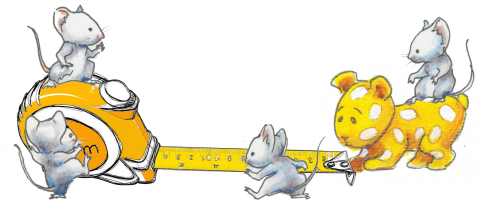
10.

John rode 2 kilometers on his bike. His sister Sally rode 3000 meters on her bike. Who rode the longer distance? How much more? (answer in km)

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11.

Jessica is measuring two line segments. The first line segment is 30 cm long. The second line segment is 500 mm long. How long are the two line segments together? (answer in cm)

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12.

Walt grew 10 centimeters in 1 year. He is now 1m 60 cm tall. How tall was he 1 year ago

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