



Unit 3

Geometry and Measuring

Lesson 1: Solids

Lesson 2: Solids and Shapes

Lesson 3: Symmetry

Lesson 4: Money

Lesson 5: Capacity

Lesson 6: Days of the Week

Lesson 7: Length

Lesson 8: Measuring Length

Some links related to the Unit

<http://www.inklesstales.com/games/shapes.shtml> (Shapes)

<http://www.sadlier-oxford.com/math/enrichment/gr1/ch7/0107b.htm> (Shapes)

<http://www.ixl.com/math/grade-1/geometry-of-everyday-objects> (Solids and Shapes)

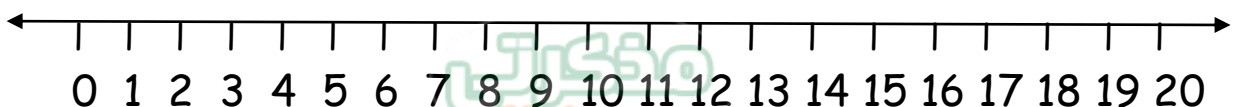
<http://www.ixl.com/math/grade-1/symmetry> (Symmetry)

<http://www.ixl.com/math/kindergarten/compare-size-weight-capacity> (Capacity)

<http://www.youtube.com/watch?v=941e6RnP4EQ> (Days of the Week)

<http://www.ixl.com/math/grade-1/days-of-the-week> (Days of the Week)

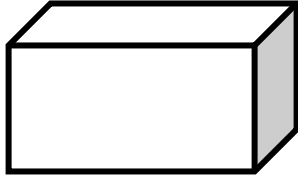
<http://www.ixl.com/math/grade-1/which-metric-unit-of-length-is-appropriate>(Length)



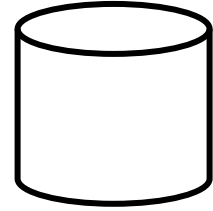


Lesson 1: Solids

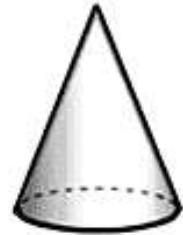
1-Match each solid with its name:



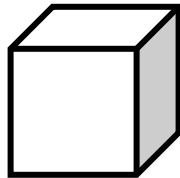
Cone



Cylinder

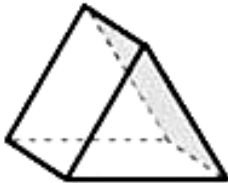


Cube

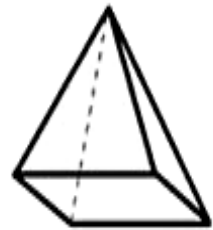


Cuboid

Pyramid

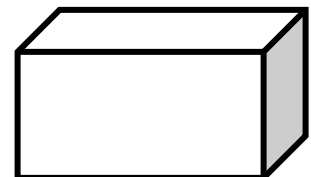
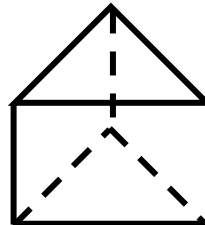
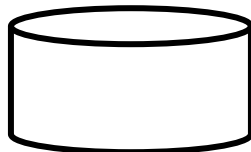
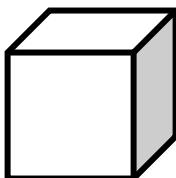
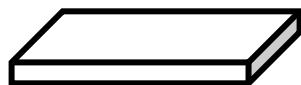
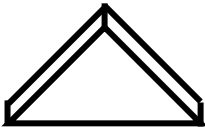


Sphere



Prism

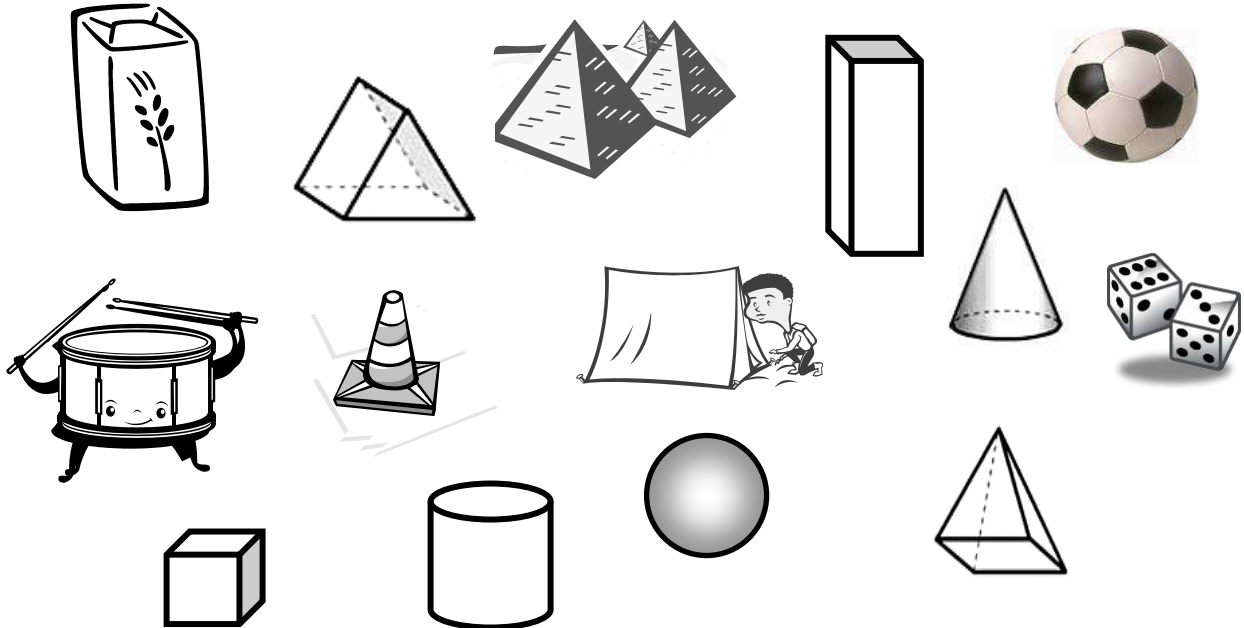
2-Match each box with its lid:



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



3-Colour the similar solids with the same colour:



4-What solids can you see in the following pictures?



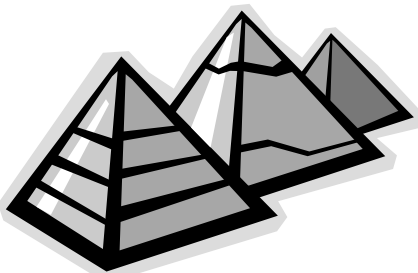
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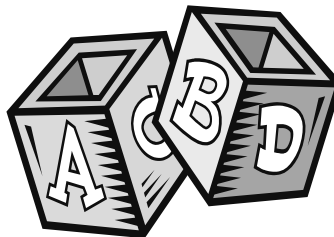
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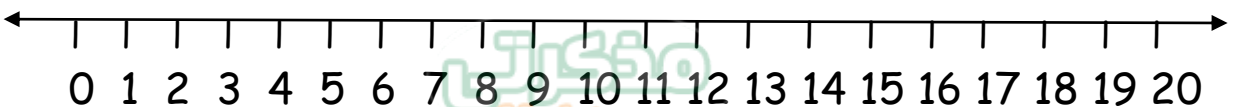
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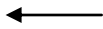
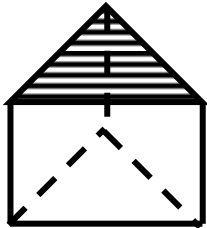
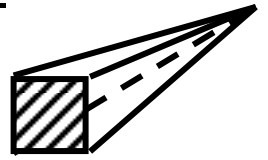


Lesson 2: Solids and Shapes

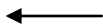
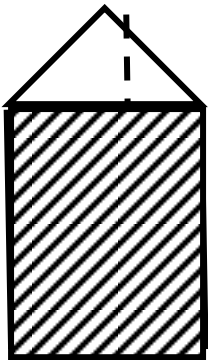
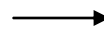
1- Write the name of the shaded shape:



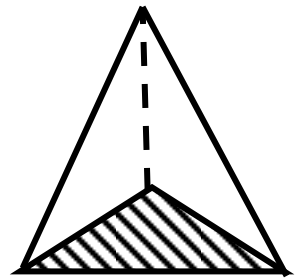
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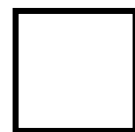
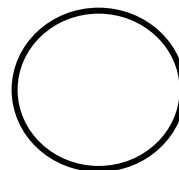
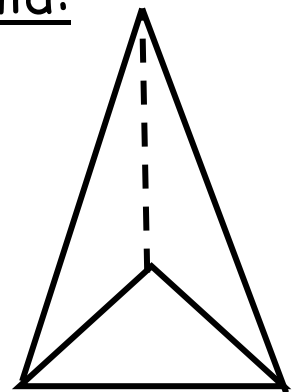
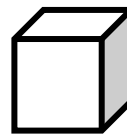
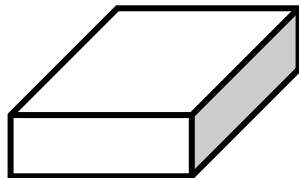
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2- Match each shape to its suitable solid:

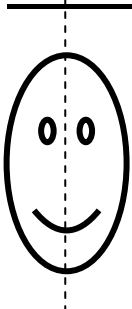


0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

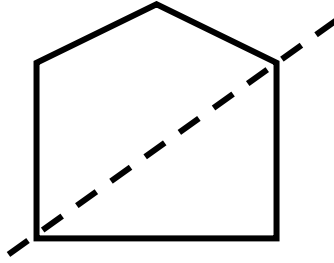


Lesson 3: Symmetry

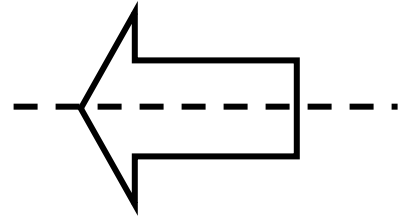
1 - Are these shapes cut with a line of symmetry?



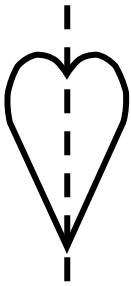
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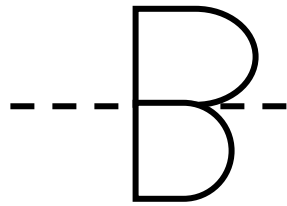
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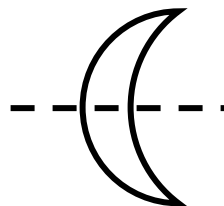
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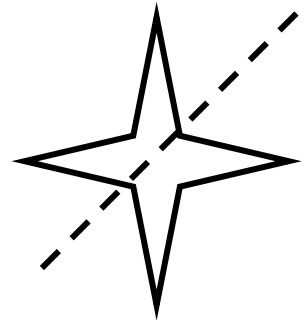
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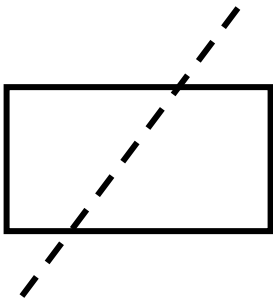
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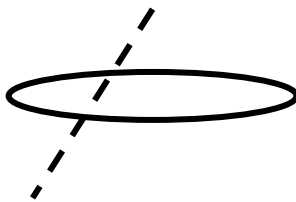
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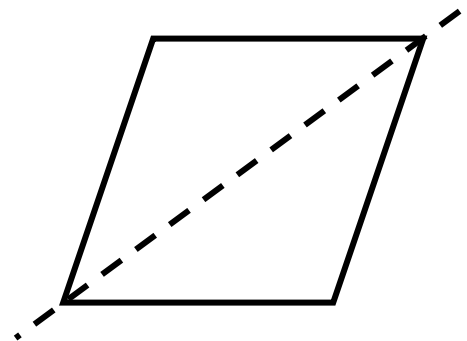
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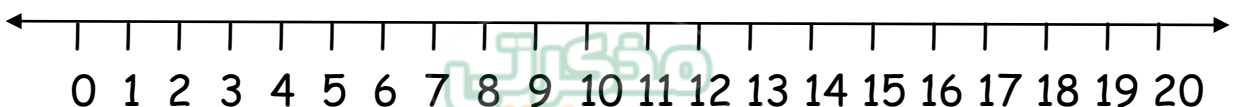
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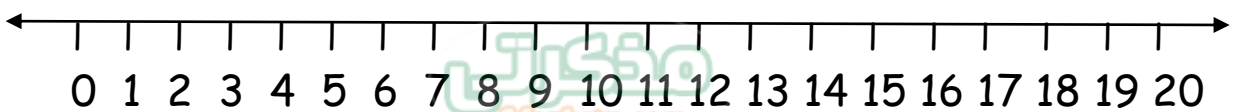
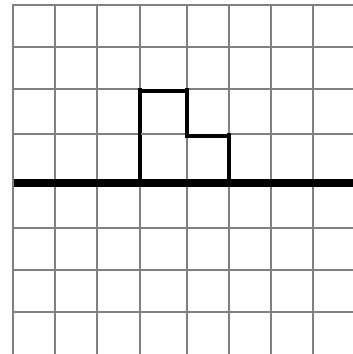
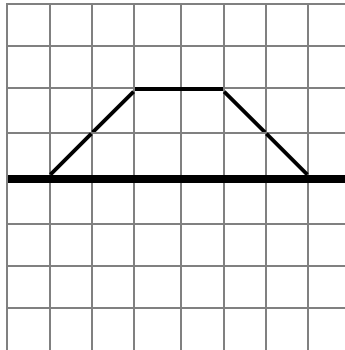
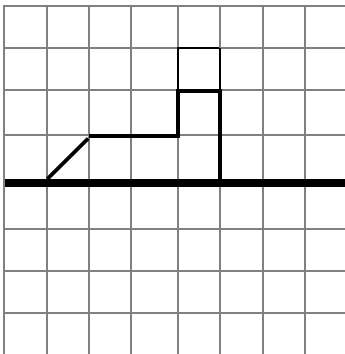
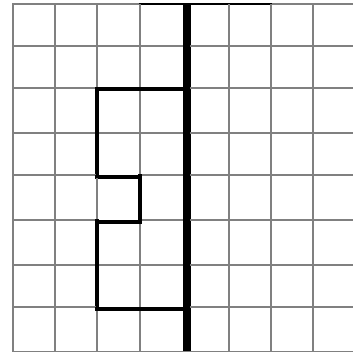
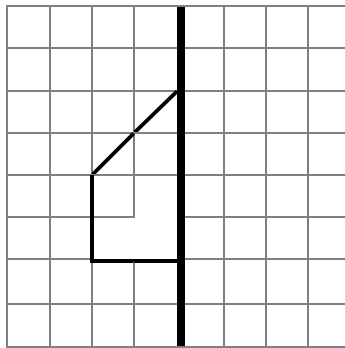
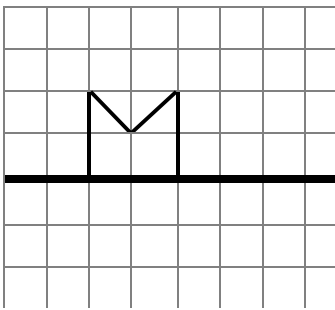
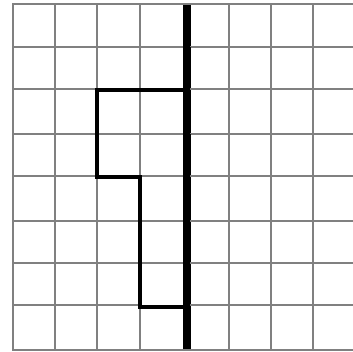
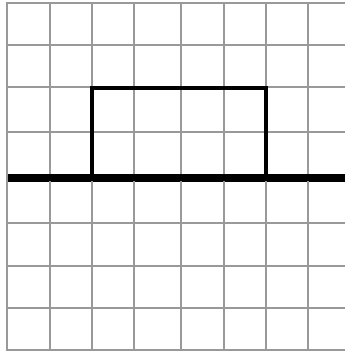
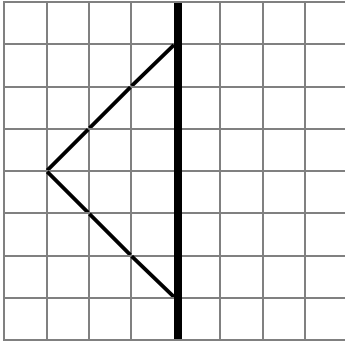


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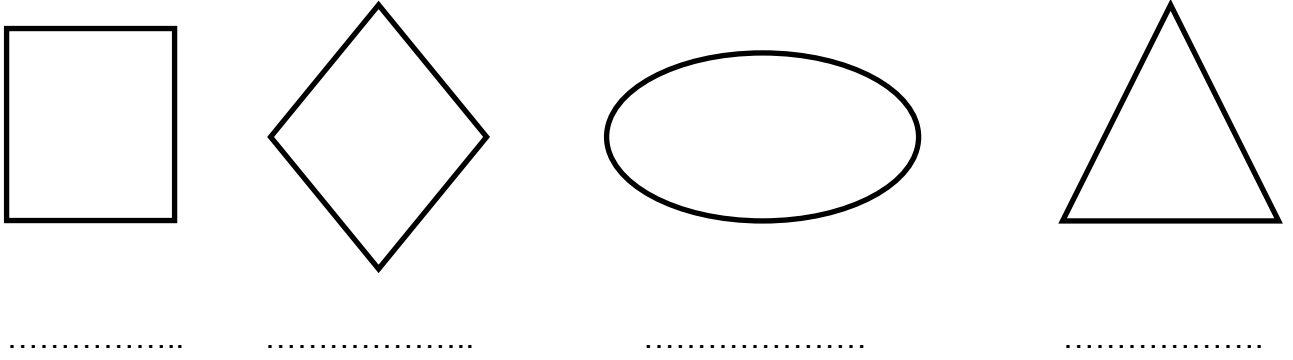


2-Draw the other half of each shape to make it symmetric:

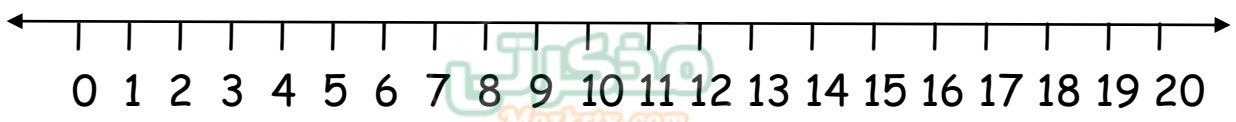
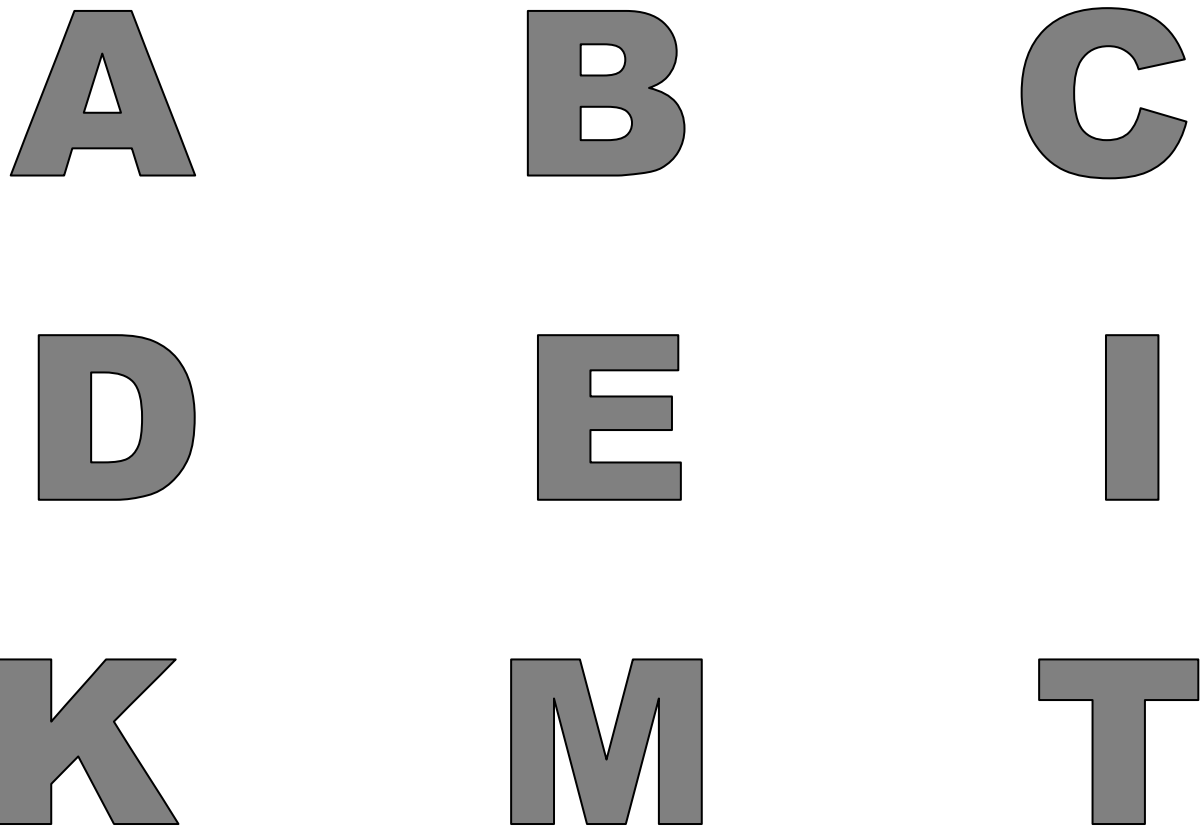




3-Write How many lines of Symmetry can cut each of the following shapes?



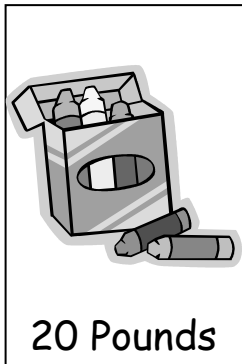
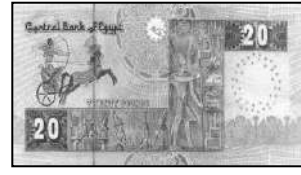
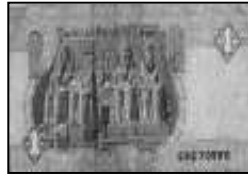
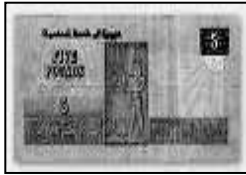
4-Draw the line of symmetry on each Letter:



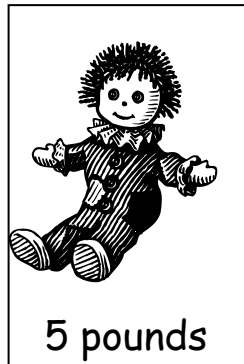


Lesson 4: Money

1-Match:



20 Pounds



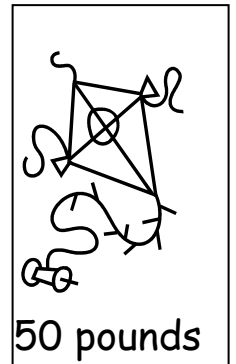
5 pounds



1 pound

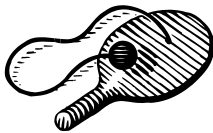


10 pounds

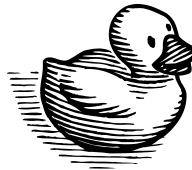


50 pounds

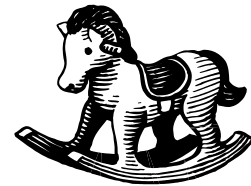
2-Circle the toys that you can buy with:



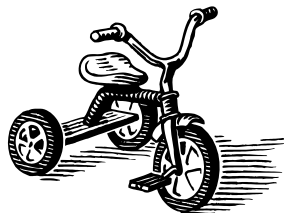
15 pounds



5 pounds



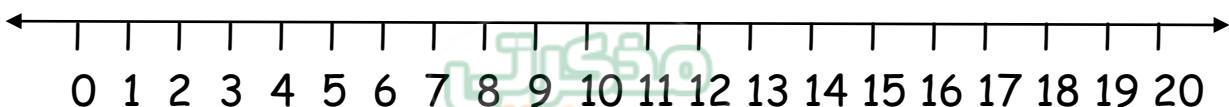
80 pounds



95 pounds

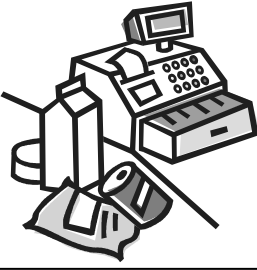


25 pounds








3-Circle the amount of money you need to pay each time at the super market:



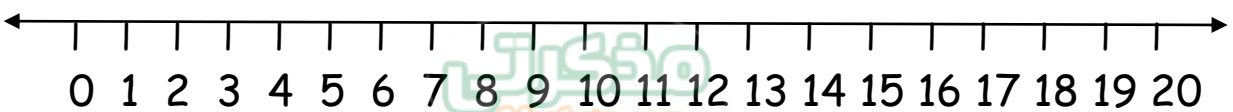
27 pounds



18 pounds



36 pounds





4-Order the money notes. Start with the smallest:



()



()



()



()



()



()

5-Order the money notes. Start with the biggest:



()



()



()



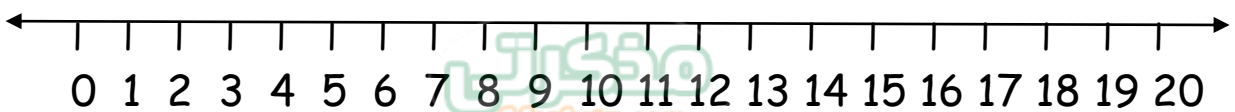
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()



()






6-Write the amount of money:



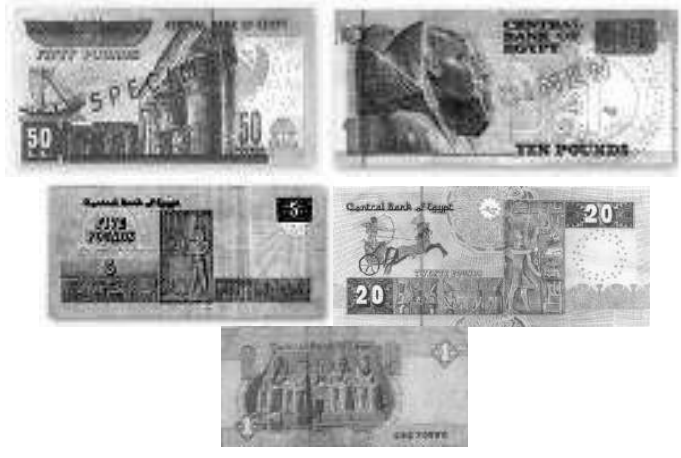
..... Pounds




.....Pounds



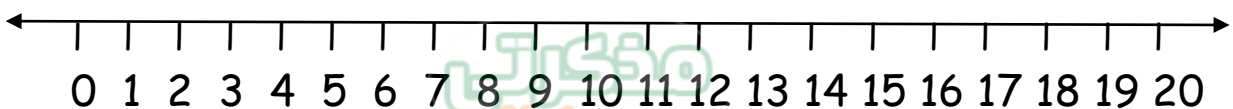
.....Pounds



.....Pounds



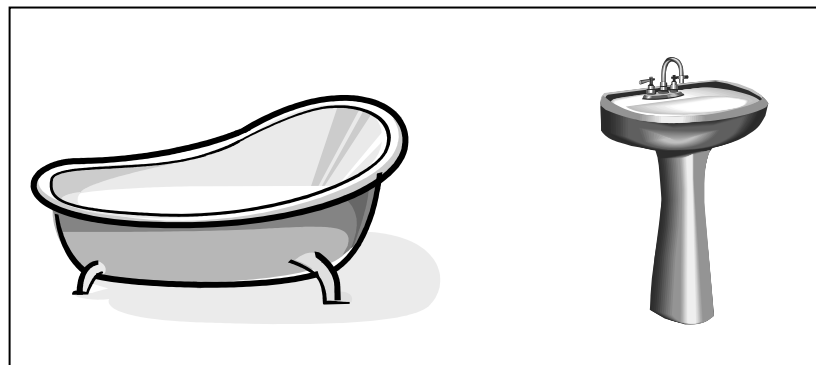
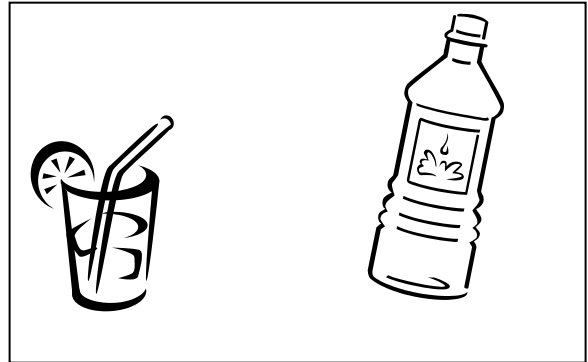
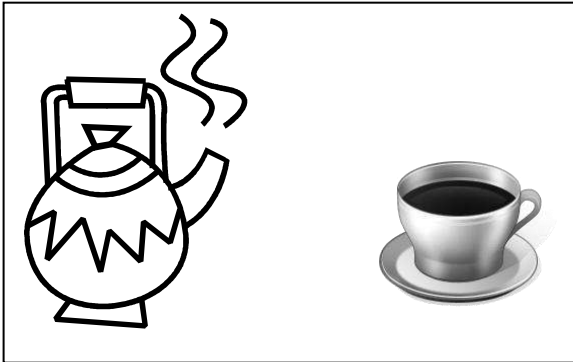
.....Pounds



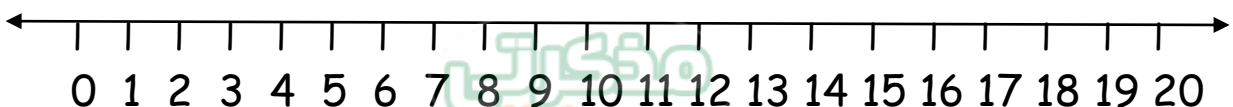
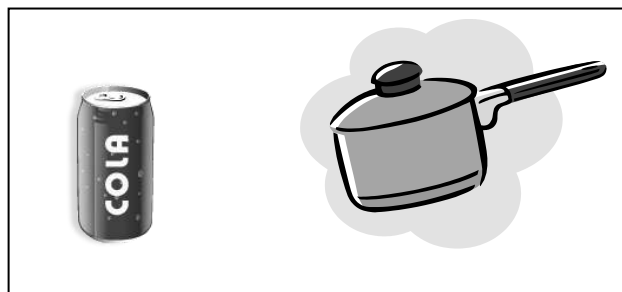
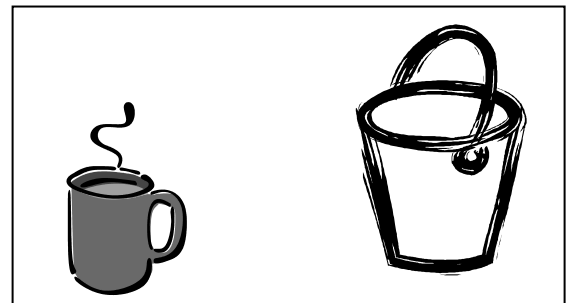
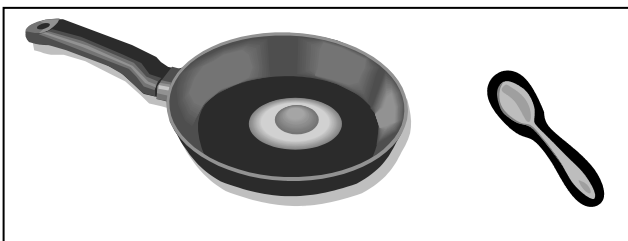


Lesson 5: Capacity

1-Circle the vessel that has greater capacity:



2-Circle the vessel that has smaller capacity:





3-Arrange the vessels from the smallest capacity to the greatest capacity:



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.....

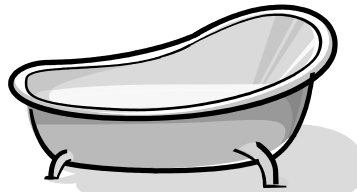
4-Arrange the vessels from the greatest capacity to the smallest capacity:



.....



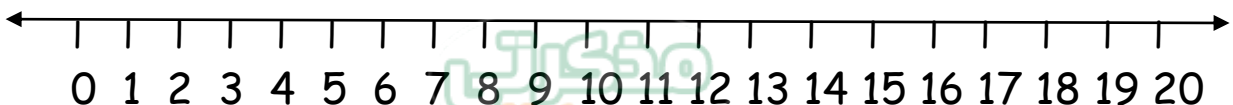
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Lesson 6: Days of the Week

1-Write the day after:

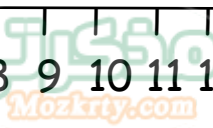
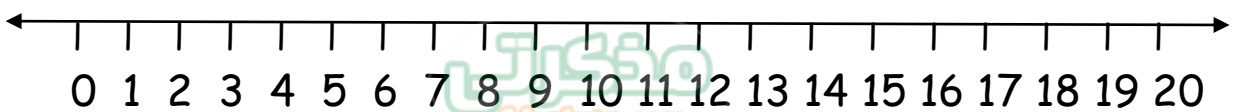
- | | |
|--------------------|-------------------|
| 1. Sunday | 4. Tuesday |
| 2. Friday | 5. Saturday |
| 3. Wednesday | 6. Monday |
-

2-Write the day before:

- | | |
|-------------------|------------------|
| 1. Tuesday | 4. Monday |
| 2. Friday | 5. Sunday |
| 3. Wednesday | 6. Thursday |
-

3-Complete in order:

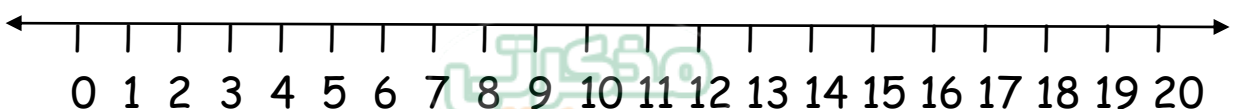
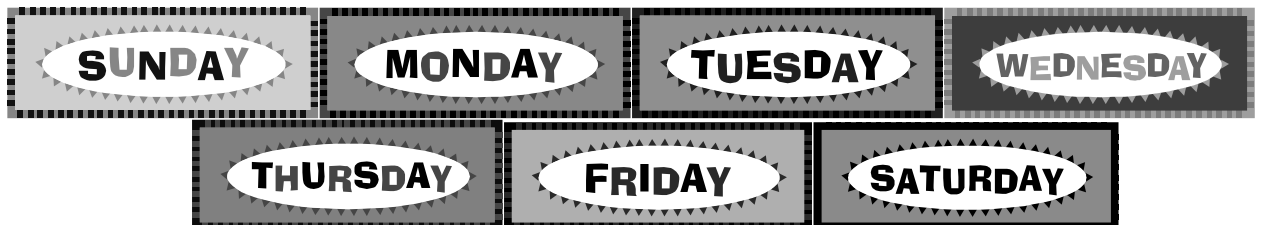
- * Monday, Tuesday,,,,
- * Saturday, Sunday,,,
- *,, Friday, Saturday,,
- * Sunday ,, Tuesday,,
- * Tuesday ,,,,





4-Complete:

- * 1 week = days.
- * 2 weeks = days.
- * There are days between Tuesday and Saturday of the same week.
- * There are days between Thursday and Monday of the same week.
- * The day that comes directly after Sunday is.....
- * The day that comes directly before Wednesday is
- * The day that is between Friday and Sunday is.....
- * On Friday, Samia went on a trip for three days. she will come back on
- * On Wednesday Fady said I was absent yesterday, so Fady was absent on
- * On Monday Maha said I am not coming tomorrow, so she is not coming on





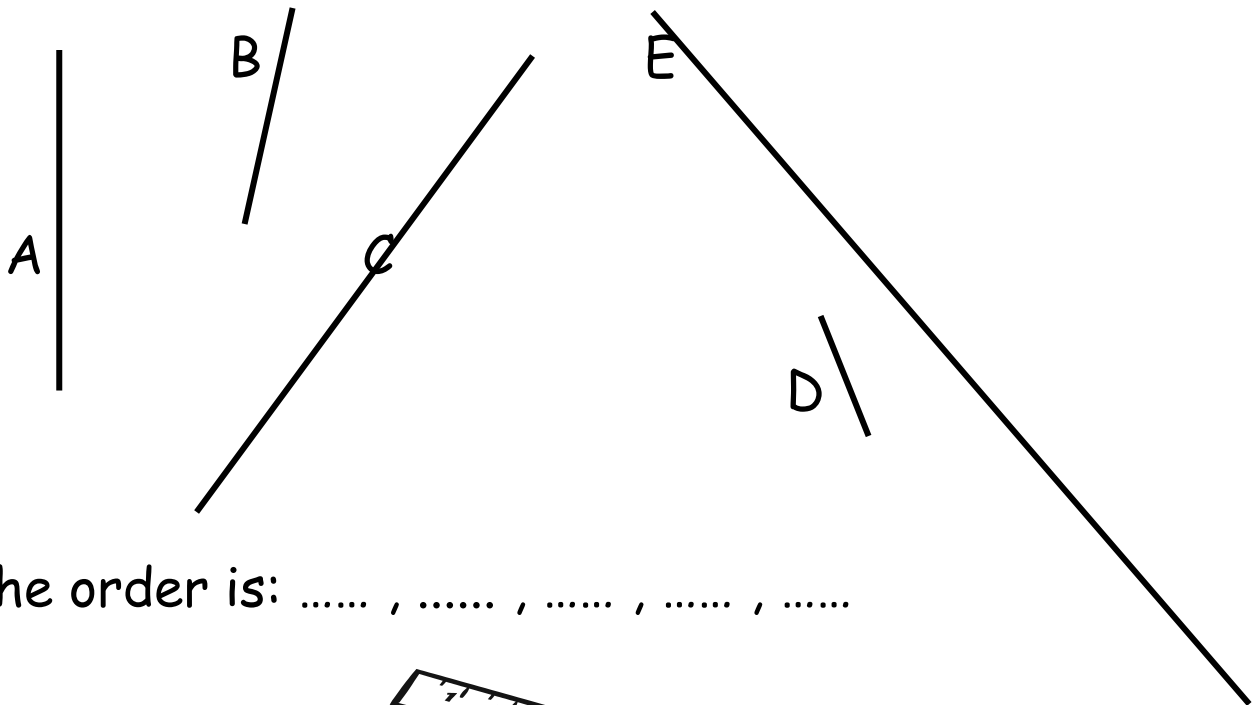
Lesson 7: Length

1-Order from the shortest to the longest:

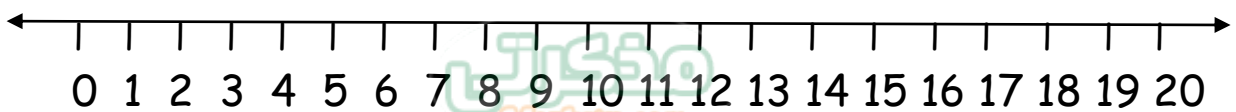
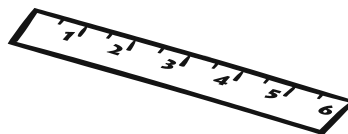
- a) _____
- b) _____
- c) _____
- d) _____
- e) _____
- f) _____

The order is: , , , , ,

2-Order from the longest to the shortest:

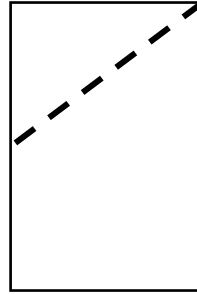
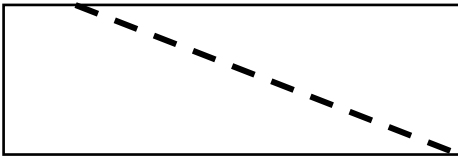


The order is: , , , ,

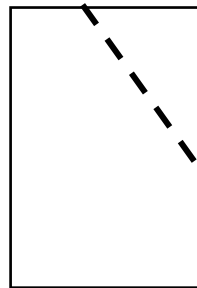
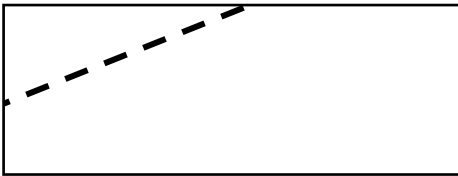




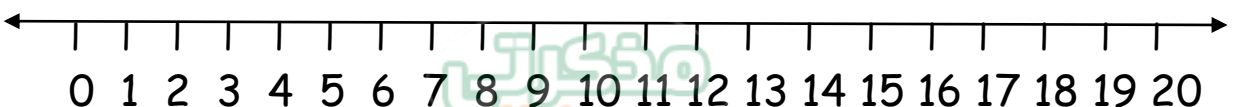
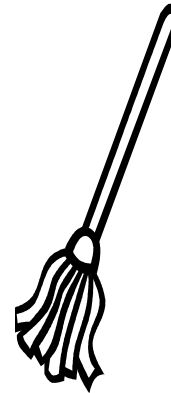
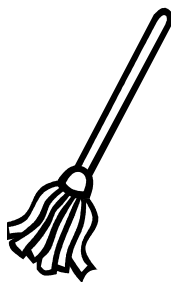
3-Draw a line shorter than the dashed line:



4-Draw a line longer than the dashed line:



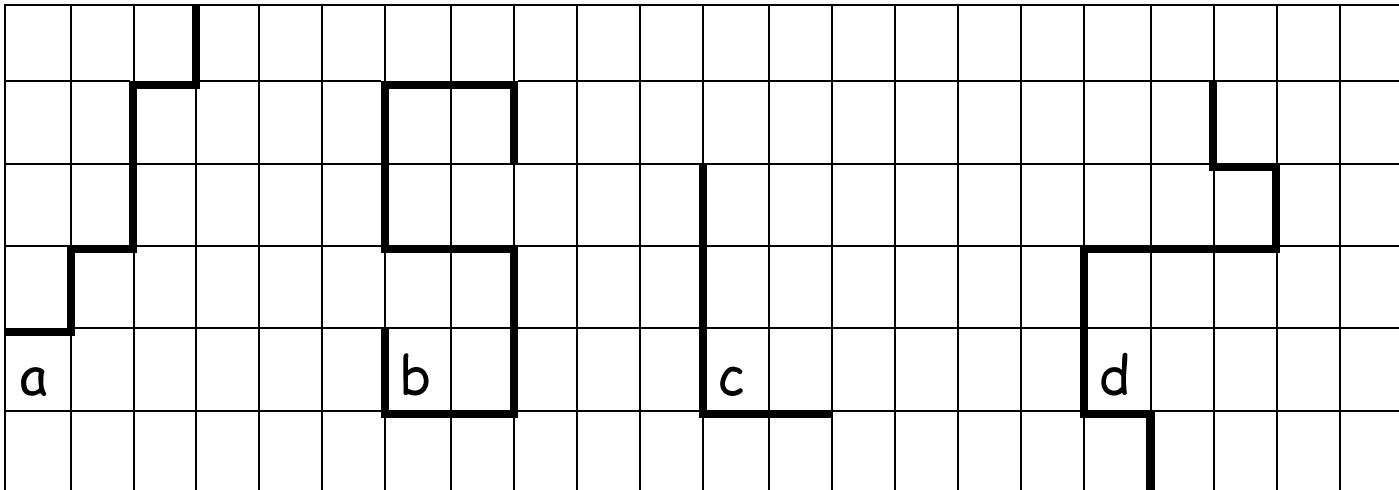
5-Put < , = or > according to the length:





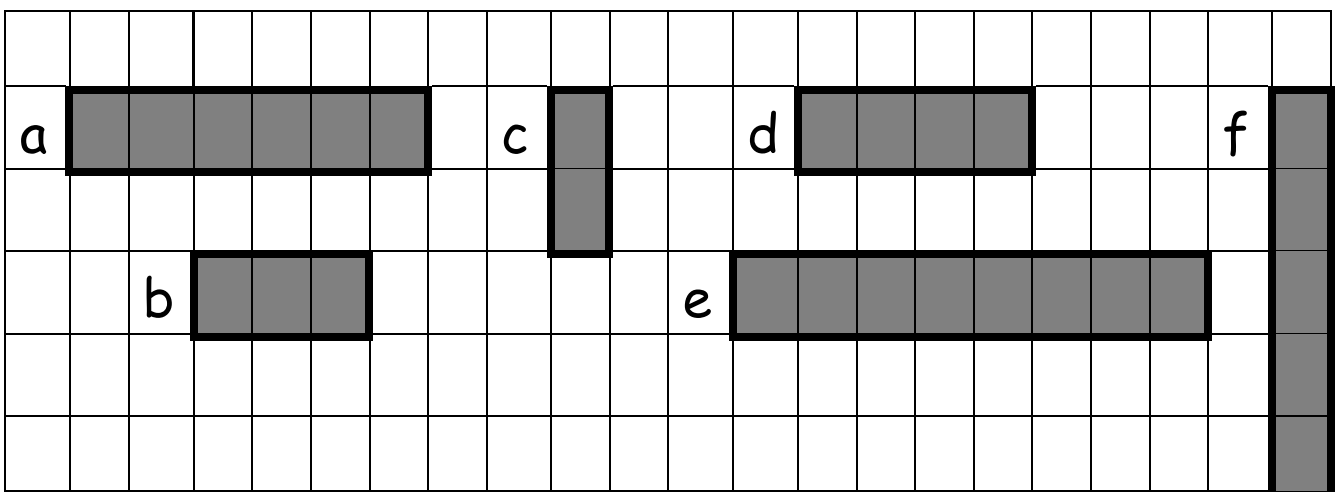
Lesson 8: Measuring Length

1-Find the length of each of the following lines:

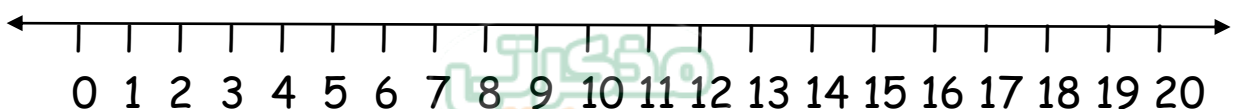


a) unit b) unit c) unit d) unit

2-Find the length of each of the following stripes:



a) unit c) unit e) unit
b) unit d) unit f) unit





(19)

Unit 4

Statistics

Statistics

General Revision

Model Exams

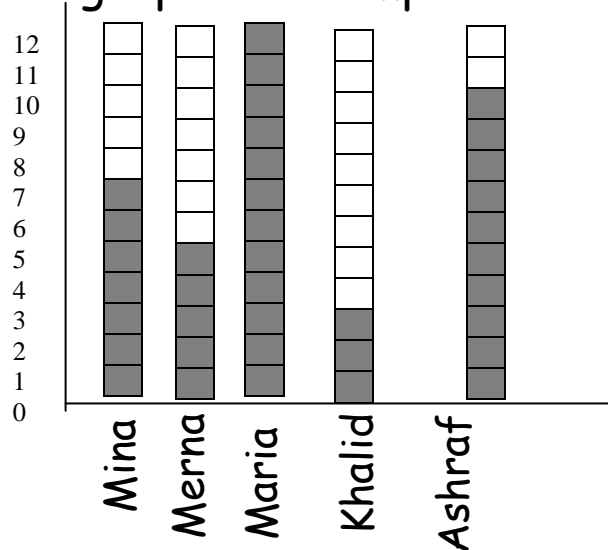
Some links related to the Unit





Statistics

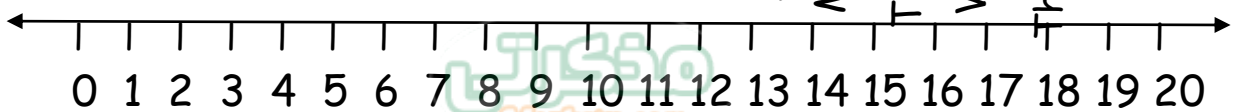
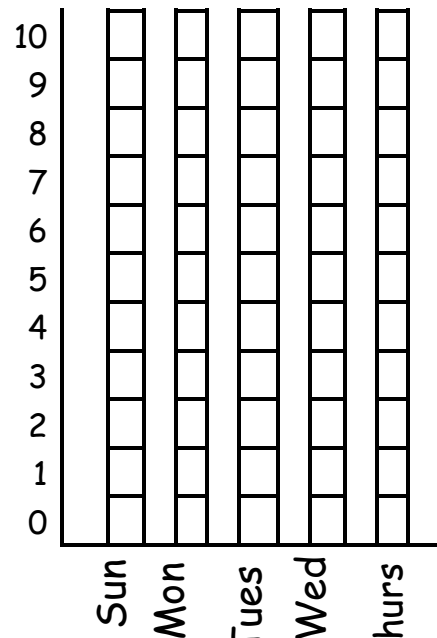
1-The following graph shows what 5 pupils saved in one week, read the graph and complete the table:



Pupils	Mina	Merna	Maria	Khalid	Ashraf
Number					

2-The following table shows the number of absent pupils in Primary1 in 5 days:

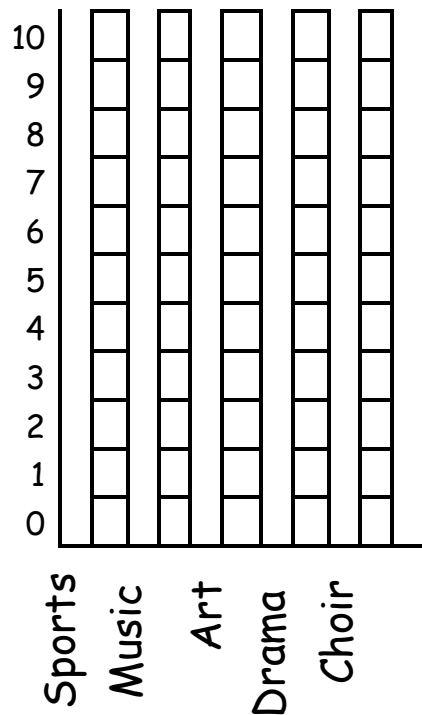
Day	Num
Sunday	3
Monday	7
Tuesday	5
Wednesday	0
Thursday	8



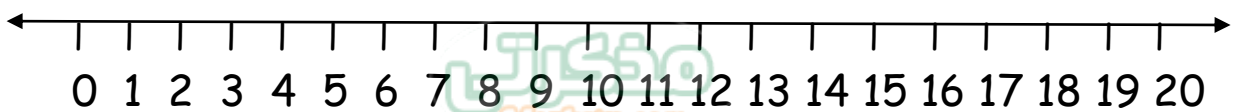


3-The following table shows the number of pupils participating in school activities. Represent it on the graph and then complete the table:

	Sports	Music	Art	Drama	Choir
Number of pupils	5	3	7	6	9
Rank					

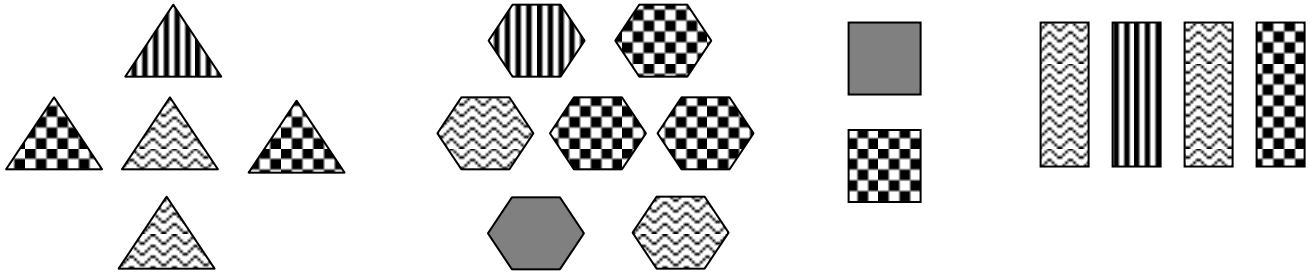





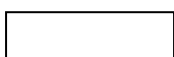
- What is the activity that has the greatest number of participants ?
- What is the activity that has the smallest number of participants ?





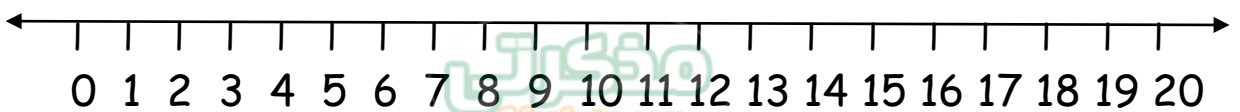
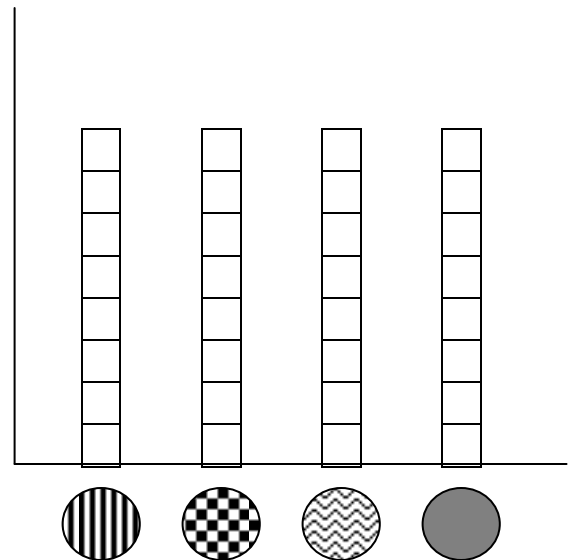
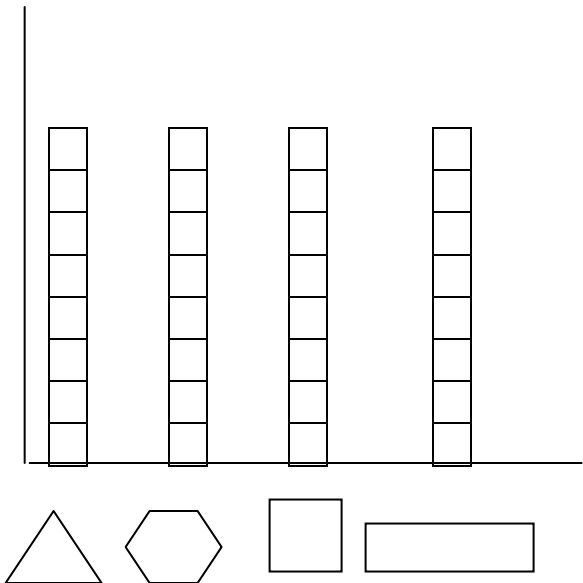
4-Look at these shapes carefully and complete:



Shape	Number	rank
		
		
		
		

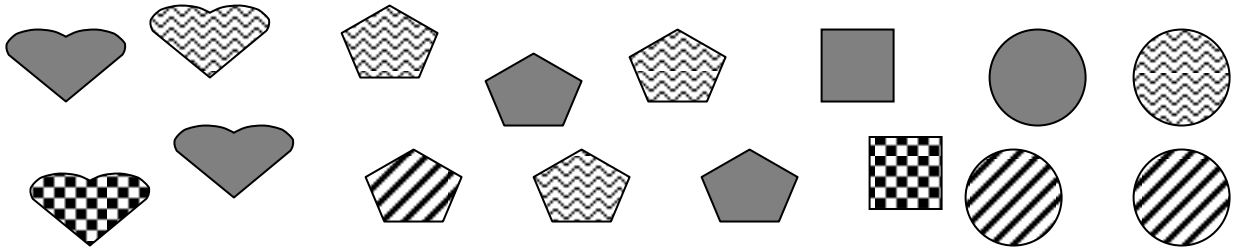
Color according to the shape

Color according to the pattern





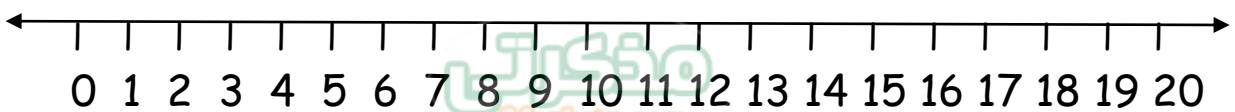
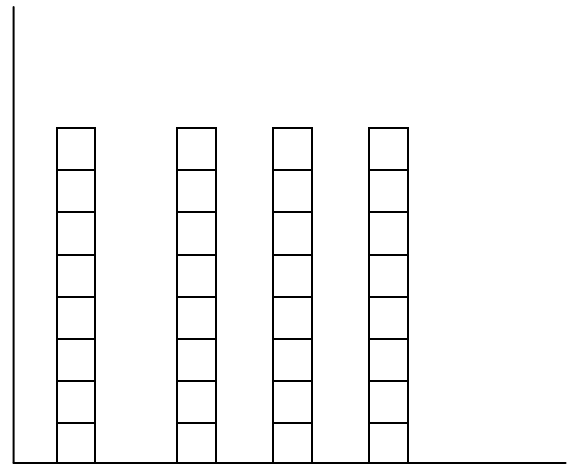
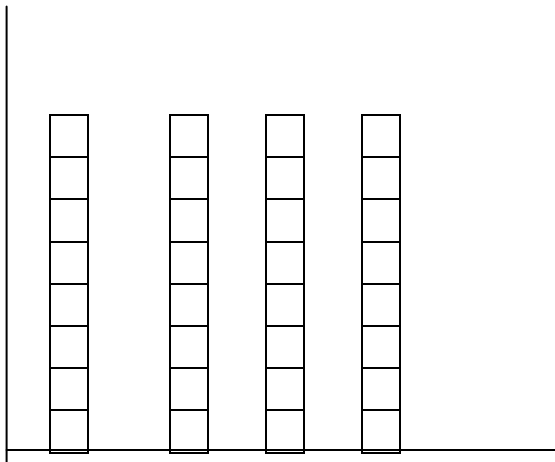
5-Look at these shapes carefully and complete:



Shape	Number	rank

Color according to the shape

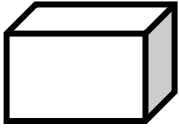
Color according to the pattern



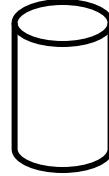


Revision

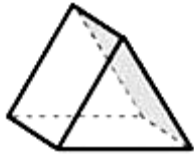
1-Match each solid to its name:



Cone



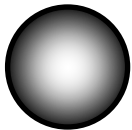
Cuboid



Prism



Sphere



Pyramid



Cylinder

2- Complete:

a) Saturday,,,,
.....,,

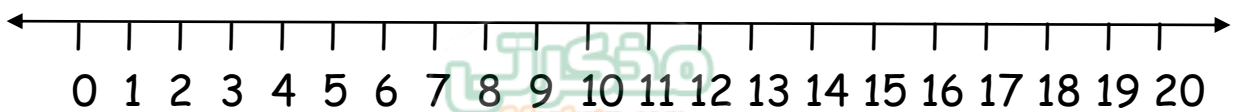
b) The day that comes directly after Monday is
.....

c) Today is Sunday so tomorrow is

d) Yesterday was Friday so today is

e) The day that is between Tuesday and Thursday
is.....

f) There are days in a week.





3- Arrange in ascending order:

a) 18 , 20 , 0 , 25 , 10

.....,,,,

b) 35, 28 , 17 , 65 , 80

..... , , , ,

4- Arrange in descending order:

a) 16 , 0 , 20 , 32 , 41

.....,,,,

b) 69, 82 , 95 , 60 , 73

..... , , , ,

5- Calculate:

$$\begin{array}{r} 45 \\ + 53 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 76 \\ - 34 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 52 \\ + 40 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 56 \\ - 53 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 42 \\ + 37 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 78 \\ - 25 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 55 \\ + 23 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 79 \\ - 26 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 63 \\ + 20 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 95 \\ - 22 \\ \hline \end{array}$$

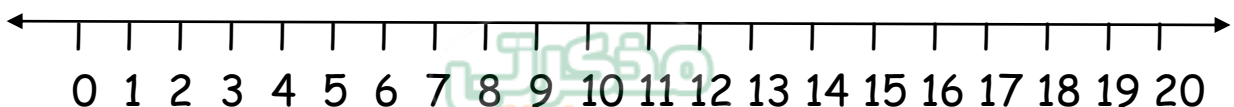
.....

$$\begin{array}{r} 38 \\ + 11 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 47 \\ - 5 \\ \hline \end{array}$$

.....



6- Complete:

$56 + 22 = \dots\dots$

$33 + 46 = \dots\dots$

$88 + 10 = \dots\dots$

$35 + 23 = \dots\dots$

$62 + 27 = \dots\dots$

$52 + 24 = \dots\dots$

$38 + 50 = \dots\dots$

$53 - \dots = 21$

$\dots - 32 = 55$

$37 + \dots = 58$

$\dots + 22 = 64$

$87 - 20 = \dots\dots$

$79 - 33 = \dots\dots$

$25 - 15 = \dots\dots$

$76 - 25 = \dots\dots$

$54 - 23 = \dots\dots$

$78 - 26 = \dots\dots$

$74 - 22 = \dots\dots$

$38 + \dots = 59$

$\dots + 24 = 74$

$68 - \dots = 50$

$\dots - 34 = 62$

7- Put >, =, or <:

$36 + 43 \square 90$

$35 + 44 \square 40$

$97 - 55 \square 41$

$26 + 63 \square 89$

$75 + 21 \square 90$

$52 - 40 \square 30$

$62 - 12 \square 41$

$54 - 21 \square 20 + 10$

$81 - 61 \square 20$

$50 - 20 \square 20 + 15$





8- Solve the following problems:

- Ramy bought a toy for L.E. 14 and another one for L.E. 20. How much did he pay?

He Paid

- Mary bought some vegetables for L.E. 18. if she got three pounds discount, then how much did she pay?

She paid.....

- Hala bought cheese for L.E. 35 and jam for L.E. 13 if she had 59 pounds, what will be the remainder that she gets?

.....

- Maha bought a blouse for L.E. 82. if the shop gave a discount 12 pounds then how much did she pay after the discount?

.....

- Kareem bought a car for L.E. 23 and a kite for L.E.64 from a toy shop. What is the total sum he paid?

.....





9- Order the following vessels from the greatest capacity to the smallest capacity:



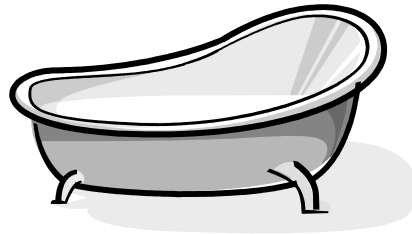
.....

.....

.....

.....

10- Order the following vessels from the smallest capacity to the greatest capacity:



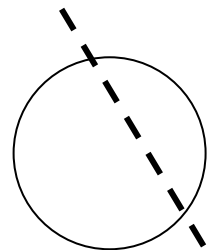
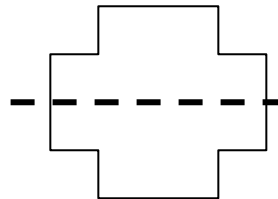
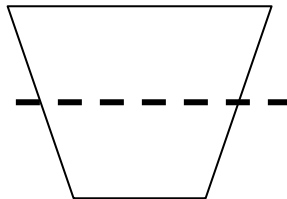
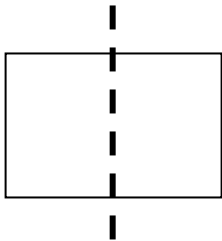
.....

.....

.....

.....

11- Tick (✓) the symmetric shapes:



()

()

()

()



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



12- Order from the shortest to the longest:


- a) _____
- b) _____
- c) _____
- d) _____

The order is: , , , , ,

13- Write the amount of money:




..... Pounds



.....Pounds



.....Pounds



.....Pounds





Hint: Final Exam for Primary 1 will include both term 1 and 2

Model 1

1. Choose the correct answer:

a) Yesterday was Monday, today is

(Sunday, Tuesday, Wednesday)

b) 3 tens, 5 units = (35, 53, 8)

c) $3 + 6$ $2 + 7$ (> , = , <)

d) The number just after 42 is (41 , 40 , 43)

e) The ball is in the man's (left, right) hand.



2. Complete:

a) The tens digit in the number 56 is

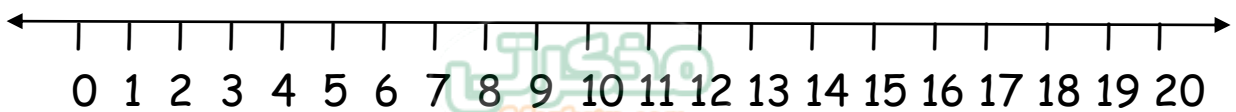
b) The place value of the digit 7 in the number 67 is

c) The greatest two digit number is

d) Today is Wednesday tomorrow is

3. a) complete in the same pattern:

10 , 20 , 30, , ,



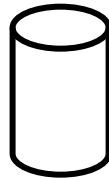
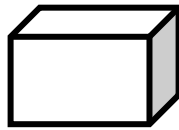


b) Arrange the following in ascending order:

52 , 71 , 44 , 17 and 82

the order is: , , , ,

4. Match each solid with its name:



Sphere

cube

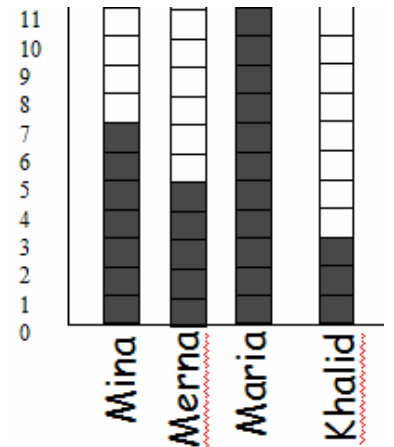
Cylinder

5. a) Hany has 76 pounds, he spent 23 pounds. How much is left with him?

The money left = - =pounds

b) Complete the table according to the graph:

Name	Mina	Merna	Maria	Khalid
Age				





Model 2

1. Find the result:

$$\begin{array}{r} a) \quad 26 \\ + \quad 41 \\ \hline \end{array}$$

.....

$$\begin{array}{r} b) \quad 55 \\ - \quad 32 \\ \hline \end{array}$$

.....

c) $72 - 51 = \dots\dots\dots$

d) $34 + 61 = \dots\dots\dots$

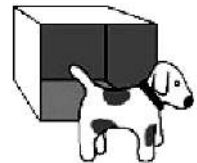
2. Choose the correct answer:

a) $9 - 2 \dots\dots\dots 2 + 6$ ($< , = , >$)

b) The greatest two different digit number is
(99, 98, 90)

c) The order of the shaded square is the
→ (second, fourth, third)

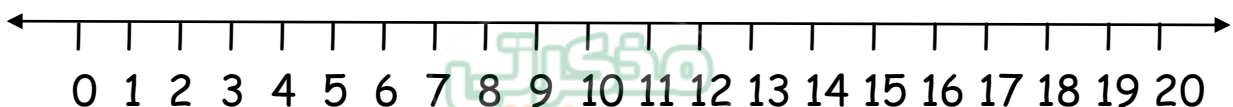
d) The dog is (inside, under, in front of) the box.







3. Arrange the following in ascending order:

a) 67 , 45 , 90, 19, 54

..... , , , ,





b)  ,  ,  , 

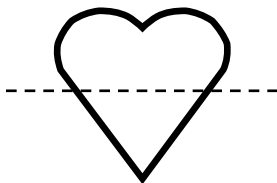
(.....) (.....) (.....) (.....)

4.a) Write the amount of money

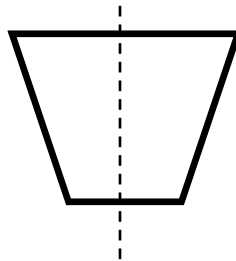


..... Pounds

b) Put a tick (✓) under the symmetric shape:



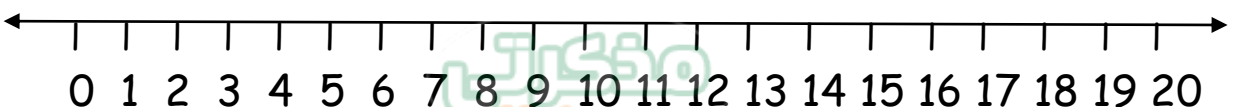
()



()

5. Maha bought a doll for 20 pounds and a kite for 32 pounds. How much money did she pay?

She paid = + = Pounds.





Model 3

1. Choose the correct answer:

a) The fraction of the shaded part  is.....
($\frac{1}{2}$, 2, $\frac{1}{4}$)

b) The day before Monday is
(Sunday, Tuesday, Wednesday)

c) The smallest 2-digit number whose sum is 5 =
..... (23, 41, 14)

d) $63 + 30$ 90 ($>$, $=$, $<$)



e) The cat is..... (Outside, Under, On) the chair.

2. Complete:

a) Twenty + 30 =

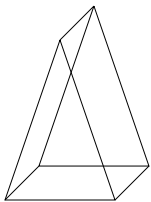
c) $54 - \dots = 21$

b) 8 tens + 3 units =

d) = 9 tens

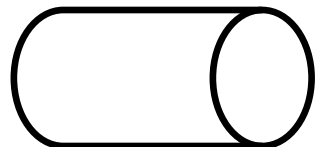
e) The unit digit in number 46 is

3.a) Write the name if each solid:



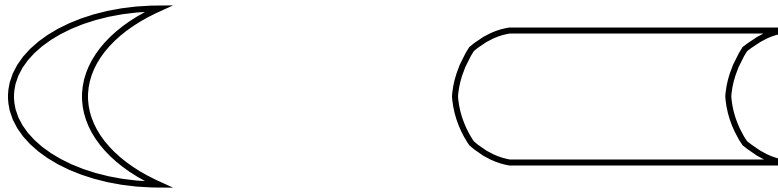
.....

.....





b) Draw the symmetric line for each figure:



4.a) Arrange the following in descending order:


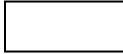


54, 76, 90, 17, 32

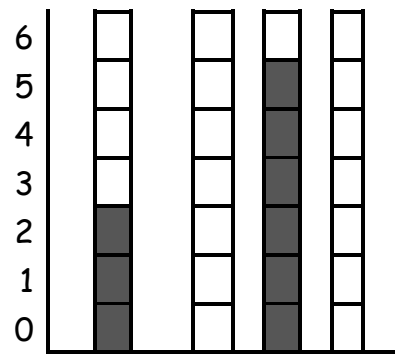
..... , , , ,

b) Mona has 23 pounds and Mary has 54 pounds. How much money do they both have?

They both have = + =Pounds.

5. Complete the table and shade the graph:

The shape				
The number	4	2



End of Part 2 (Good Luck)

