

PONY

سلسلة كتب الأستاذ

MATH

BASICS

5 - 6 YEARS



1 2 3

Numbers 0 - 20

2
LEVEL

2

PONY

MATH BASICS

5 - 6 Years

المعلمة الأستاذة

60
E

PONY

MATH
BASICS
5-6 Years

Numbers
0-20

Level 2

By: Mohamed Nasreldin

This Book Belongs to

.....

• Numbers From 0 to 5.....	5
• Numbers From 6 to 10.....	22
• Numbers From 11 to 15.....	44
• Numbers From 16 to 20.....	62
• Counting up to 20.....	81
• Comparing Numbers.....	91
• Ascending Order and Descending Order.....	103
• Addition.....	111
• Components of Numbers up to 10.....	119
• Subtraction Using a Countdown.....	128
• The Relationship Between Addition and Subtraction.....	133
• Fact Families.....	140
• Adding and Subtracting Using the Number Line.....	147
• Word Problems (1).....	152
• Word Problems (2).....	159
• Revision.....	166



Contents



Number Cards

We use the number cards to represent numbers.



Fingers

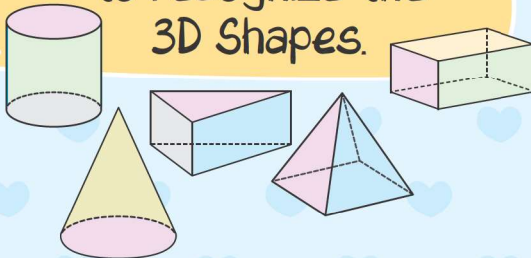
We use our fingers to represent numbers.



MY TOOLS

3-Dimensional Shapes

We use shapes to recognize the 3D Shapes.



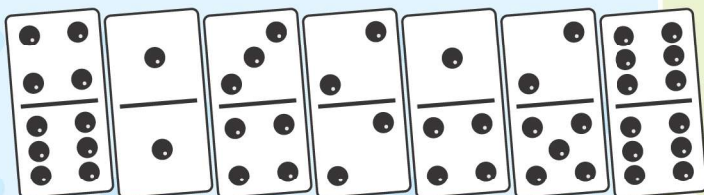
Money Cards

We use the money cards to represent money.



Dot Cards

We use the dot cards to represent numbers.



Numbers From

0 to 5





Zero

One



Two

Three



Four

Five

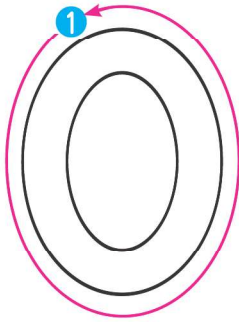


Parents' Note:

To write numbers correctly, we always write the numbers from top to bottom, and from left to right (follow the arrows).



Color the number and its spelling:



Zero

zero



Rewrite the number:





Activities on Numbers From 0 to 5



1 Match:

0

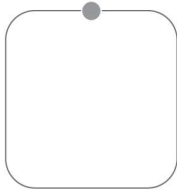
1

2

3

4

5



2 Match:

Three

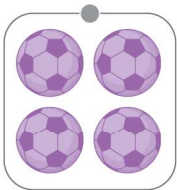
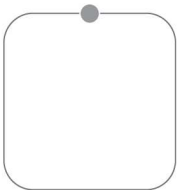
Two

One

Four

Five

Zero



4 Circle the correct answer:



2 3 4



1 2 3



1 2 3



1 0 2

1 2 3



1 2 3



Two One
Zero

Three Two
Zero



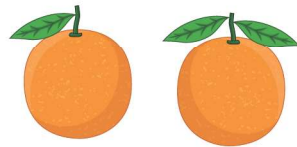
Five Four
Two



Two Three
Four




Five Four
Two



Two Three
Four




5 Write the number and its spelling:



.....

.....

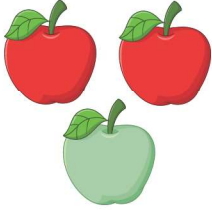


.....

.....

.....

.....



.....

.....



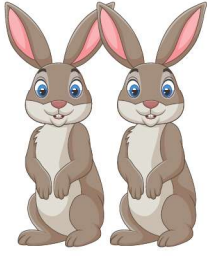
.....

.....




.....

.....




.....

.....



.....

.....



.....

.....



.....

.....



.....

.....

.....

.....

LEVEL 2

Six

Seven

Eight

Nine

Ten

Parents' Note:

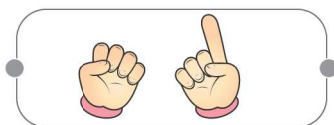
To write numbers correctly, we always write the numbers from top to bottom, and from left to right (follow the arrows).



2 Match:



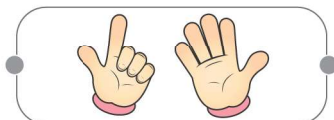
Seven



3

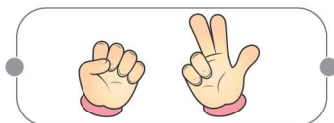


Three



9

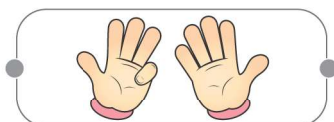
One



1



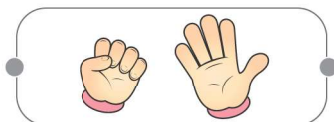
Five



7



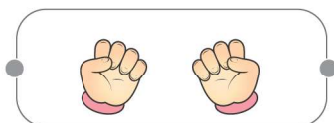
Six



6



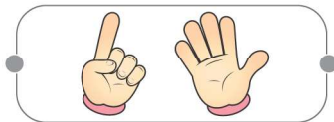
Nine



5

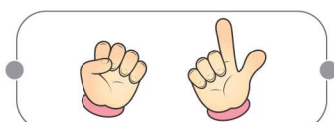


Zero



0

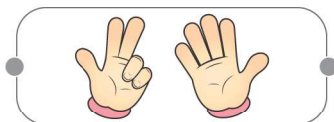
Eight



4



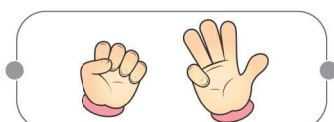
Ten



10



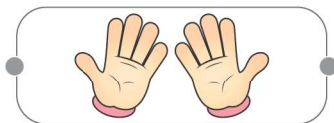
Two



2

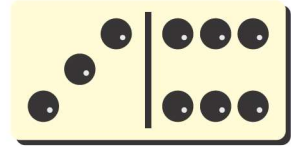
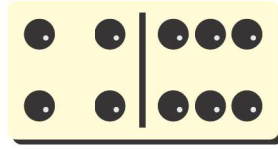
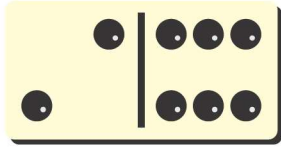


Four



8

4 Write the number and its spelling:



.....

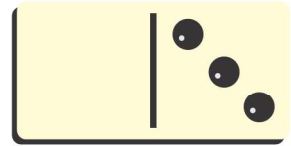
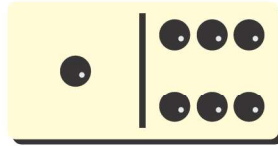
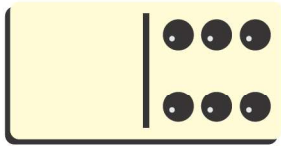
.....

.....

.....

.....

.....



.....

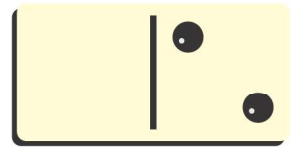
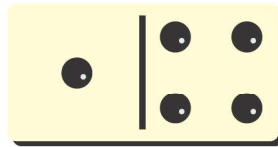
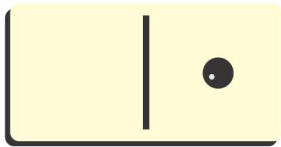
.....

.....

.....

.....

.....



.....

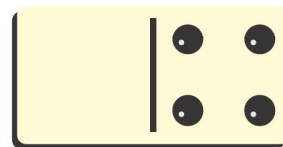
.....

.....

.....

.....

.....



.....

.....

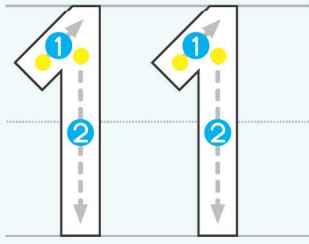
.....

.....

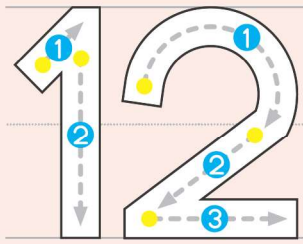
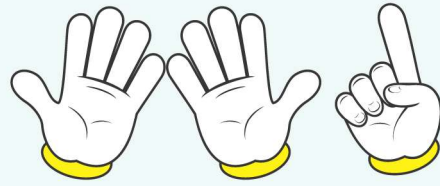


Numbers From 11 to 15

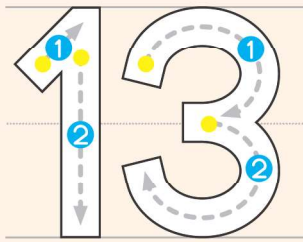
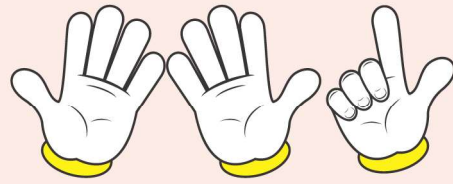




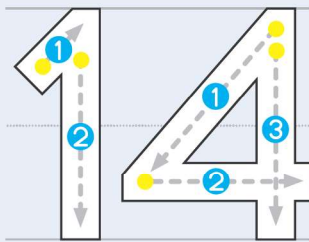
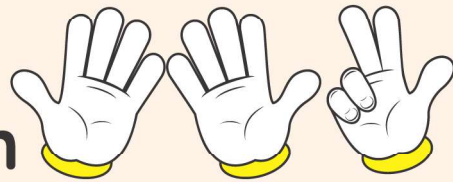
Eleven



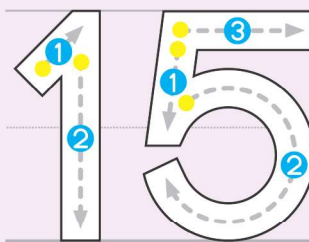
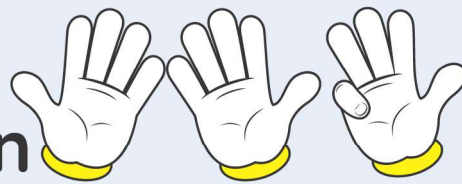
Twelve



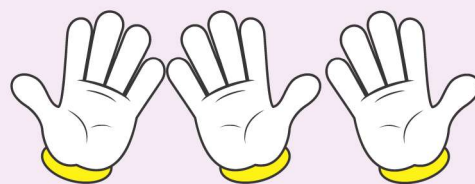
Thirteen



Fourteen



Fifteen



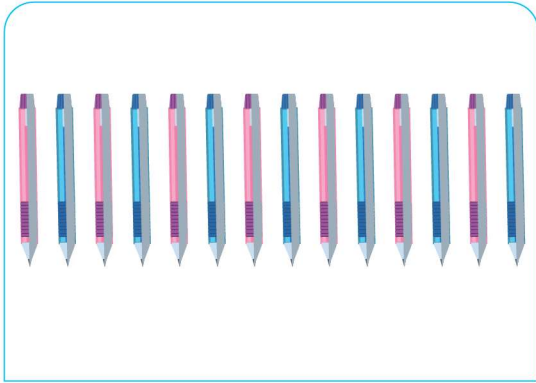


Activities on Numbers up to 15

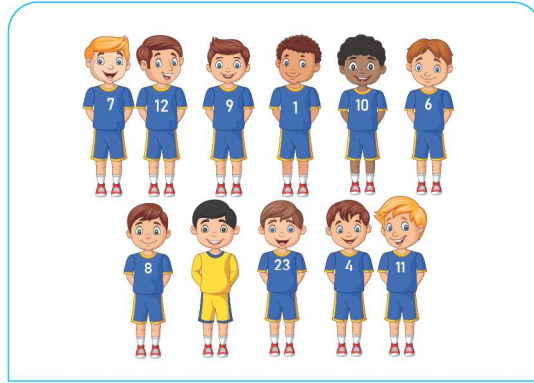


1

Write the number and its spelling:



.....



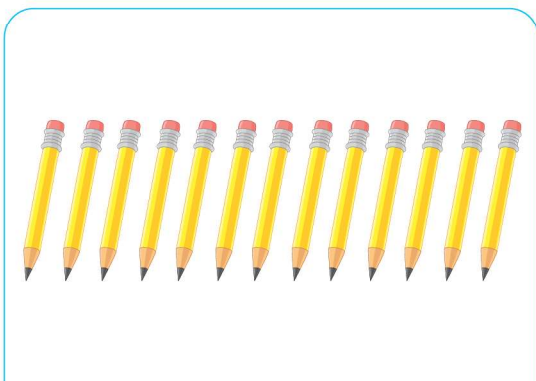
.....



.....



.....



.....



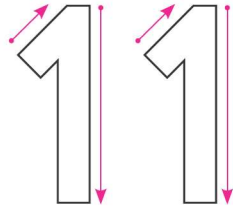
.....



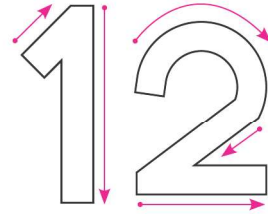
Home Activities



Eleven



Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve



11

11

Eleven

12

12

Twelve

Numbers From 16 to 20





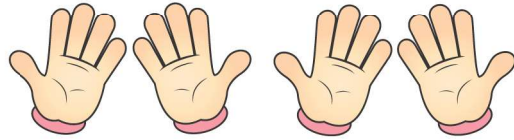
Activities on Numbers up to 20



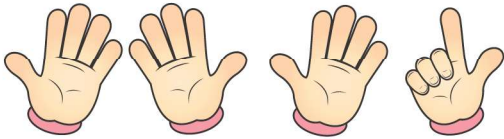
1 Circle the correct answer:



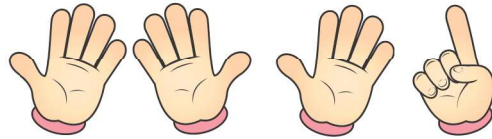
13 14 15



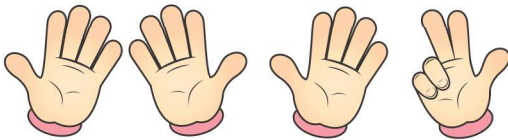
18 19 20



18 12 17



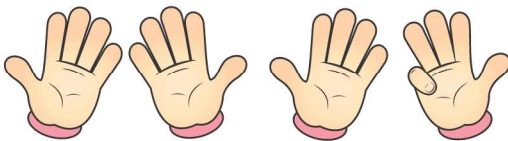
16 11 10



17 18 19



10 11 12



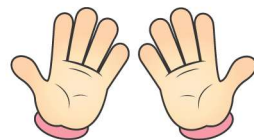
18 19 20



15 19 20



13 18 19



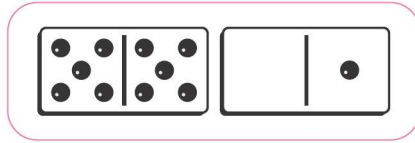
10 15 20





2 Match:

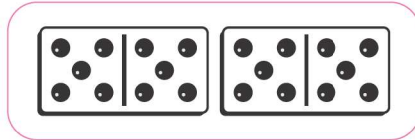
18



Thirteen



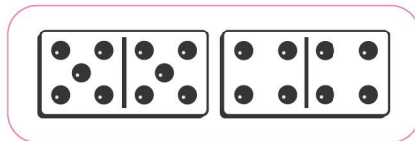
11



Eleven



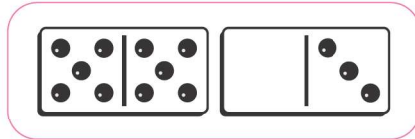
20



Twenty



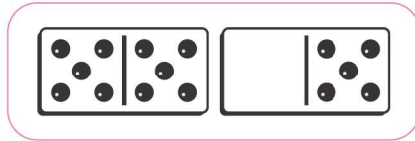
16



Eighteen



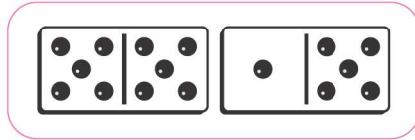
13



Sixteen



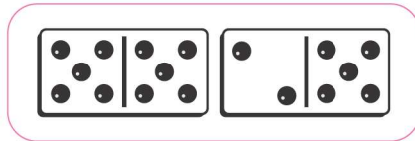
17



Fifteen



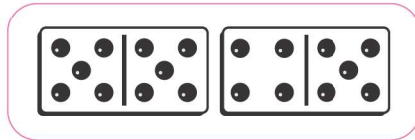
15



Twelve



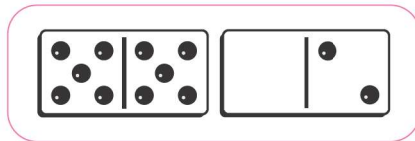
12



Seventeen



19



Nineteen





Number Line



It is a line in which numbers are written in order from left to right.



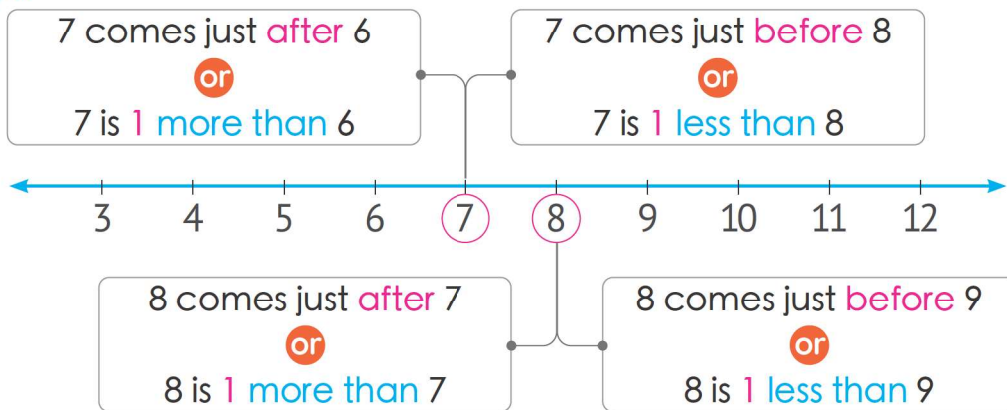
1 more than	يزيد بـ ١ عن	1 less than	يقل بـ ١ عن
-------------	--------------	-------------	-------------



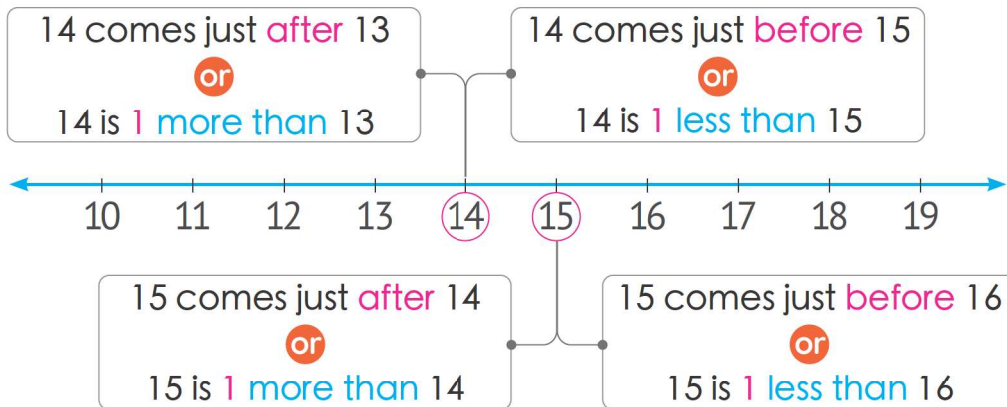
The number just after	العدد التالي مباشرة
The number just before	العدد السابق مباشرة



Ex.



Ex.



**Greater
(More)**

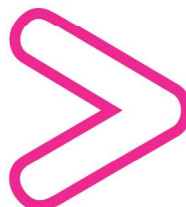
Greater than
More than

أكبر من

5 is greater than 3



5



3

**Same
(Equal)**

Same
Equal to

يساوي

5 is equal to 5



5



5

**Fewer
(Less)**

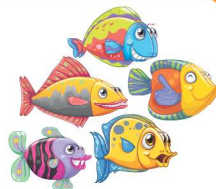
Fewer than
Less than

أقل من

3 is less than 5



3



5



6 Compare using (<, =, or >):

a 12 ○ 8

b 9 ○ 6

c 18 ○ 17

d 19 ○ 16

e 8 ○ 7

f 5 ○ 7

g 15 ○ 16

h 13 ○ 3

i 5 ○ 6

j 13 ○ 13

k 9 ○ Eight

l 12 ○ Twenty

m 6 ○ Six

n 11 ○ Ten

o 16 ○ Sixteen



7 Complete:

a 9 >

b 18 <

c 18 =

d 5 >

e 5 <

f 5 =

g > 8

h < 3

i = 12

j > 13

k < 13

l = 13

m Fifteen >

n Eight <

o = Seventeen

p Seven >

q Seven <

r = Seven





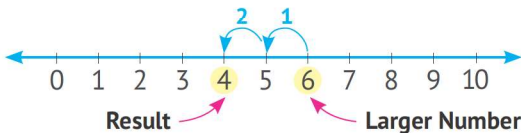
Second: Subtracting Using a Number Line

1 First Step

- ① Determine the **larger** number.
- ② Jump to the **left** by the **smaller** number.

Ex. $6 - 2 = \dots\dots\dots$

Smaller Number

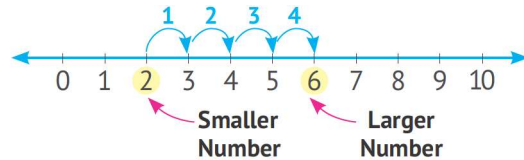


2 Second Step

- ① Determine the **smaller** number.
- ② Jump to the **right** until you reach the **larger** number.
- ③ Count the **jumps**.

Ex. $6 - 2 = \dots\dots\dots$

Result (Jumps)



2 Subtract using the number line:

a $7 - 3 = \dots\dots\dots$



b $9 - 7 = \dots\dots\dots$



c $10 - 4 = \dots\dots\dots$








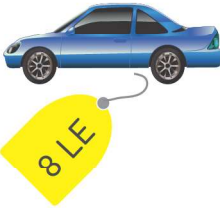




d $5 - 5 = \dots\dots\dots$





2 Help Ahmed calculate the remaining money:



The money that Ahmed has	Items	Remainder
 10 LE		$10 - 6$ $= 4 \text{ LE}$
 20 LE		$20 - \dots\dots\dots$ $= \dots\dots\dots \text{ LE}$
 10 LE		$\dots\dots\dots - \dots\dots\dots$ $= \dots\dots\dots \text{ LE}$
 20 LE		$\dots\dots\dots - \dots\dots\dots$ $= \dots\dots\dots \text{ LE}$
 12 LE		$\dots\dots\dots - \dots\dots\dots$ $= \dots\dots\dots \text{ LE}$





2 Complete:

 5 LE	 9 LE	 7 LE	 7 LE
---	---	--	---



a The price of  and  = + = LE



b The price of  and  = + = LE



c The price of  and  = + = LE



d The price of  and  = + = LE


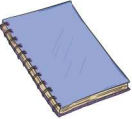



e The price of  and  = + = LE



f The price of  and  = + = LE



g The price of , , and  = + + = LE

Buy	يشترى	Have/has	يملك	Sum	مجموع
Bought	اشترى	Had	كان معه	Total	مجموع
Pay	يدفع	How much?	كم كمية؟	Together	معًا
Paid	دفع	How many?	كم عدد؟		

1 Alaa bought **milk** for **12 LE** and **candies** for **8 LE**.

How much money did Alaa pay?

• Alaa paid = + = LE.

2 Omar bought **a pen** for **3 LE** and **a book** for **6 LE**.

How much money did Omar pay?

• Omar paid = + = LE.

3 Rana has **9 LE** and Sara has **7 LE**.

How much money do Rana and Sara have together?

• Rana and Sara have = + = LE.

4 Adam has **6 LE**, Menna has **8 LE**, and Hana has **4 LE**.

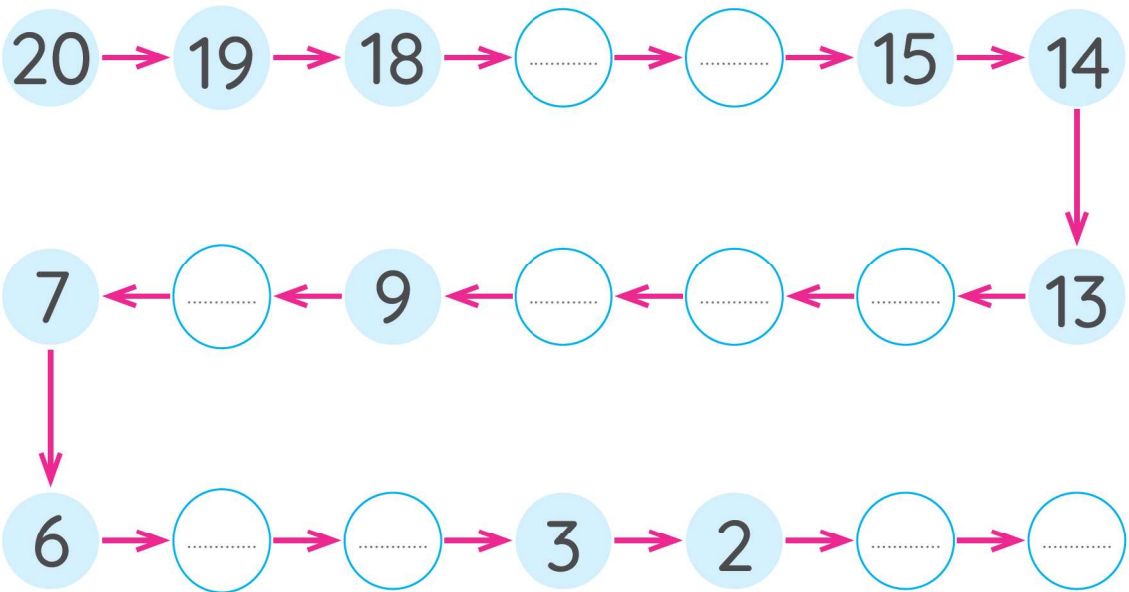
Find the sum of their money.

• Adam, Menna, and Hana have = + + =
..... LE.

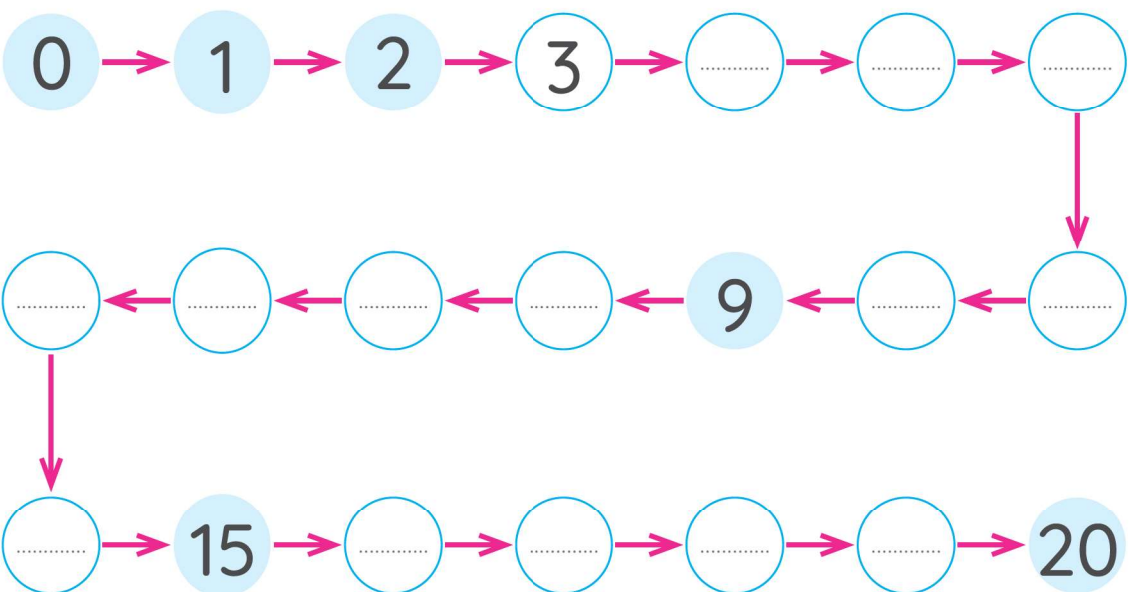
Revision

1 Complete:

a



b



PONY

MATH BASICS

LEVEL 2

5-6 Years

Money

3D Shapes

This Book Belongs to

.....

Money

النقود



Egyptian Banknotes

أوراق النقود المصرية

One Pound
جنيه واحد



1 LE



Five Pounds
خمسة جنيهات

5 LE



5 LE =

1 LE + 1 LE + 1 LE + 1 LE + 1 LE

Ten Pounds
عشرة جنيهات

10 LE



10 LE =

5 LE + 5 LE








5 LE + 1 LE + 1 LE + 1 LE + 1 LE + 1 LE



1 LE + 1 LE + 1 LE + 1 LE + 1 LE +
1 LE + 1 LE + 1 LE + 1 LE + 1 LE



2 Match the **equal** amounts of money:

a		1
b		2
c		3
d		4
e		5





4 Draw **according** to the amount of money:

a

4 LE

A large, empty rounded rectangular box for drawing.

b

9 LE

A large, empty rounded rectangular box for drawing.

c

8 LE

A large, empty rounded rectangular box for drawing.

d

11 LE

A large, empty rounded rectangular box for drawing.

e

13 LE


A large, empty rounded rectangular box for drawing.



5 Write the amount of money and compare using (<, =, or >):




a



..... LE


□



..... LE




b



..... LE


□



..... LE




c



..... LE

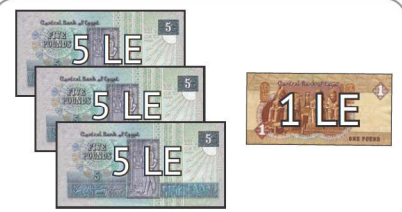
□



..... LE




d



..... LE


□



..... LE




e



..... LE

□

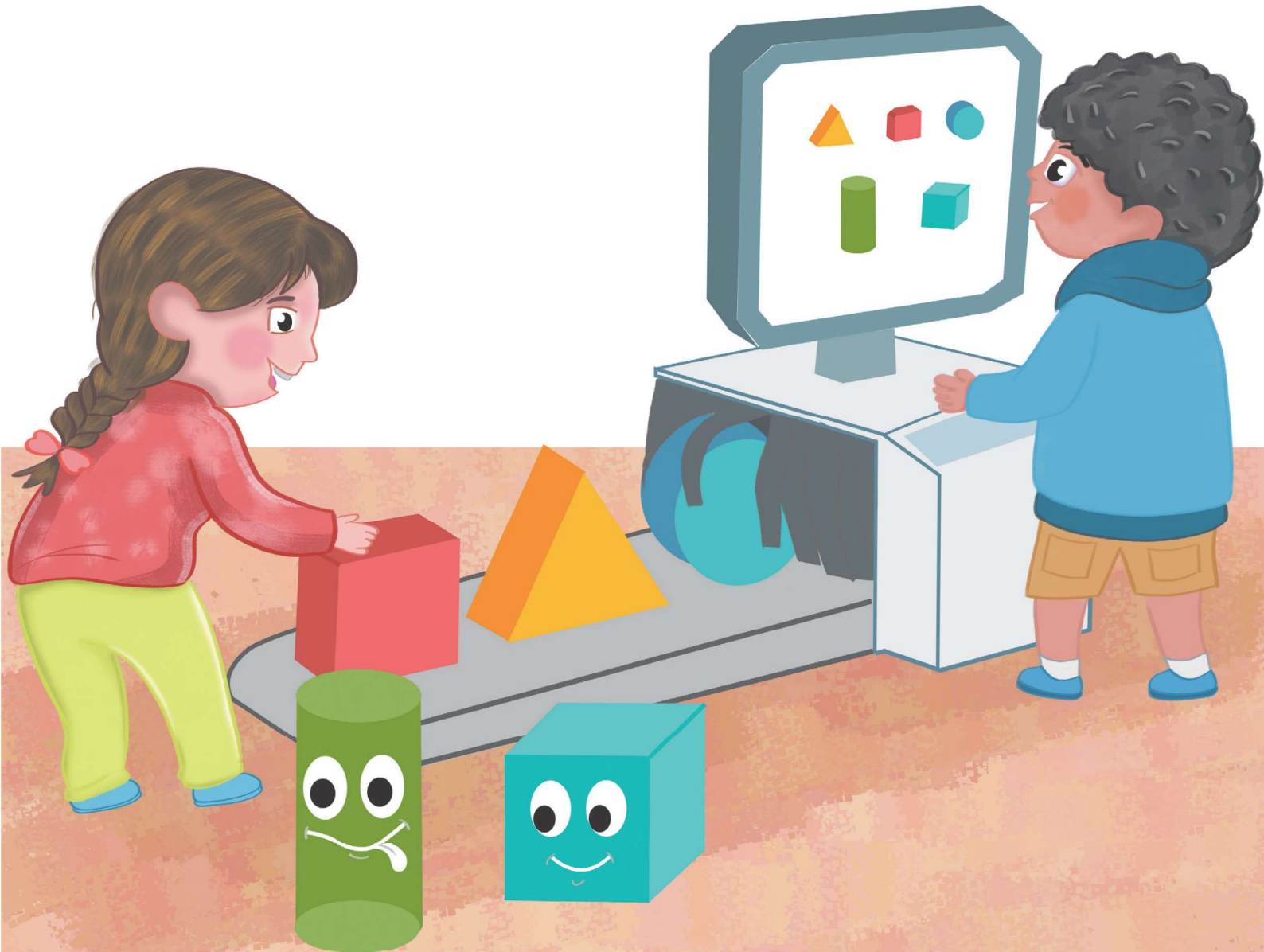


..... LE

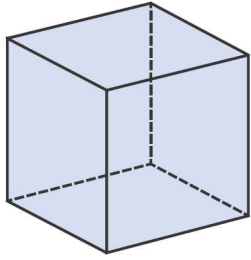


3D Shapes

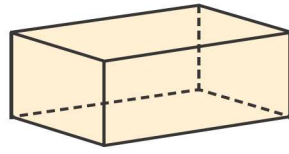
الأشكال ثلاثية الأبعاد



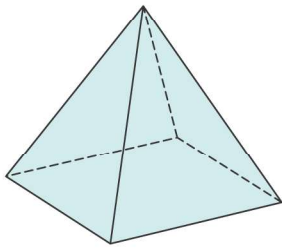
LEVEL 2



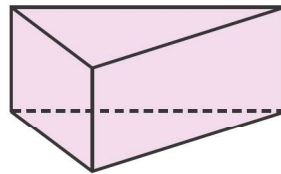
Cube



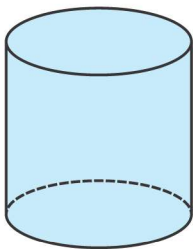
Cuboid



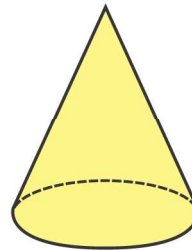
Pyramid



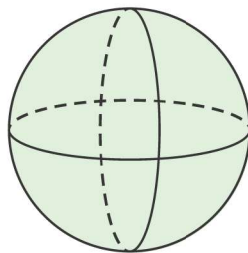
Prism



Cylinder



Cone



Sphere





3 Circle according to the **shape** on the **left**:

