

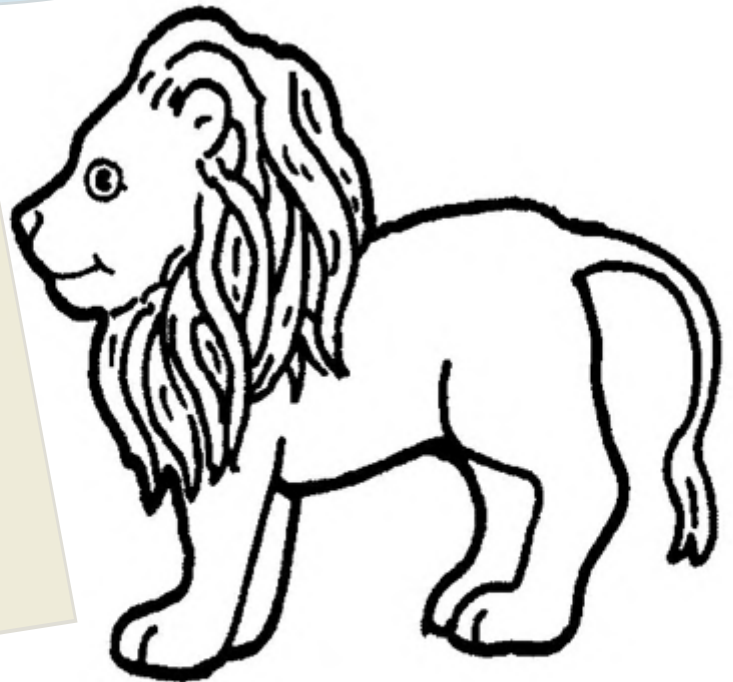
مذكرة تأسيس الرياضيات



الأعداد من ١ إلى ١٠٠
الجمع والطرح

الجزء الأول
تأسيس رياضيات

الاسم



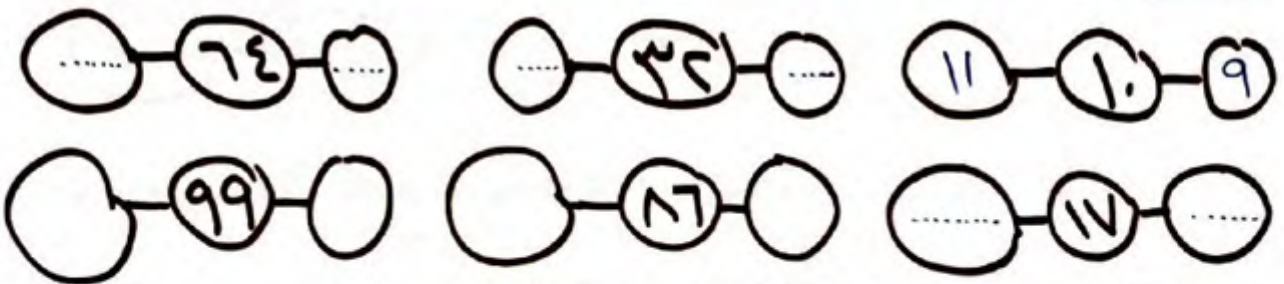
التدريب على الأعداد من ١ إلى ١٠٠

أكمل الأعداد إلى ١٠٠

..... ٩	..... ٧	..... ٥	..... ٤	..... ١
..... ١٩	..... ١٧	..... ١٥	..... ١٤	..... ١١
..... ٢٩	..... ٢٧	..... ٢٥	..... ٢٤	..... ٢١
..... ٣٩	..... ٣٧	..... ٣٥	..... ٣٤	..... ٣١
..... ٤٩	..... ٤٧	..... ٤٥	..... ٤٤	..... ٤١
..... ٥٩	..... ٥٧	..... ٥٥	..... ٥٤	..... ٥١
..... ٦٩	..... ٦٧	..... ٦٥	..... ٦٤	..... ٦١
..... ٧٩	..... ٧٧	..... ٧٥	..... ٧٤	..... ٧١
..... ٨٩	..... ٨٧	..... ٨٥	..... ٨٤	..... ٨١
..... ٩٩	..... ٩٧	..... ٩٥	..... ٩٤	..... ٩١

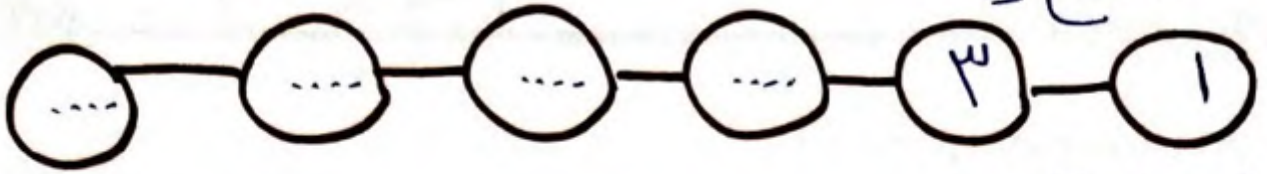
أكمل الأعداد :-

- ١٥ ١٣ ١١ ٩ ٧ ٥
- ٧١ ٦٩ ٦٧ ٦٥ ٦٣
- ٣٢ ٣٠ ٢٨ ٢٦ ٢٤
- ٨٠ ٧٨ ٧٦ ٧٤ ٧٢
- ٤٢ ٤٠ ٣٨ ٣٦ ٣٤ ٣٢
- ٩٦ ٩٤ ٩٢ ٩٠ ٨٨
- ٢٧ ٢٥ ٢٣ ٢١ ١٩ ١٧
- ٥٦ ٥٤ ٥٢ ٥٠ ٤٨ ٤٦
- ٧٦ ٧٤ ٧٢ ٧٠ ٦٨ ٦٦
- ٢٦ ٢٤ ٢٢ ٢٠ ١٨

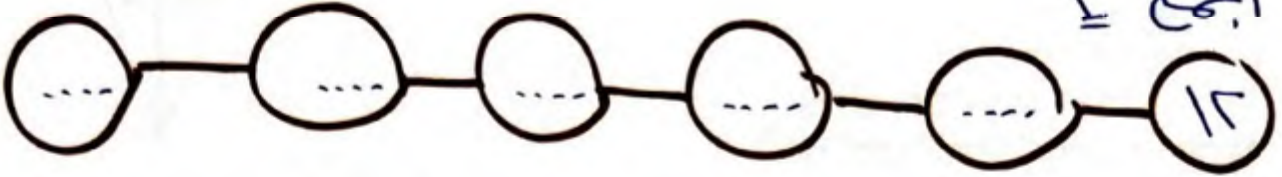


← التعرف على العدد السابق والمتالي

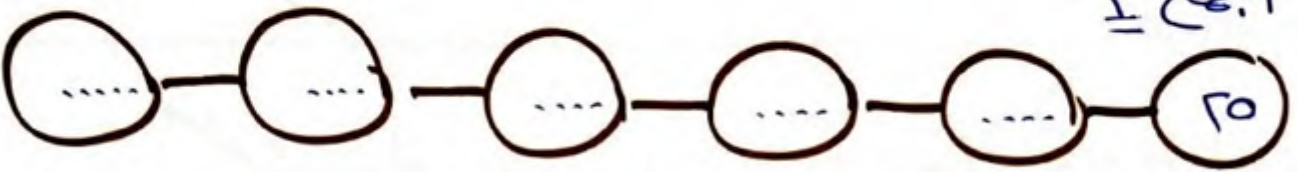
١
٣١



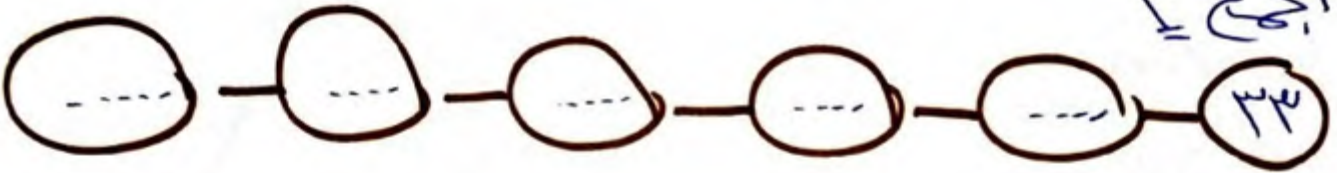
٢
٤١



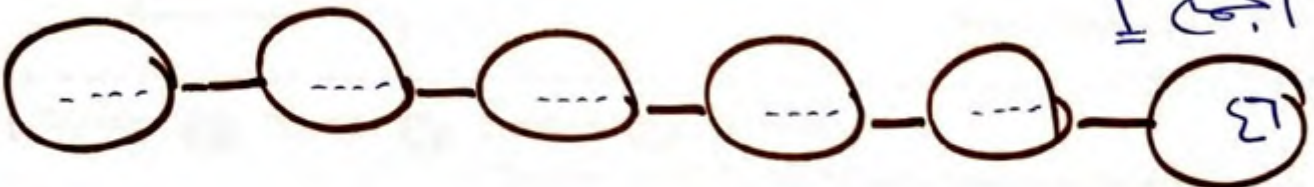
٣
٥١



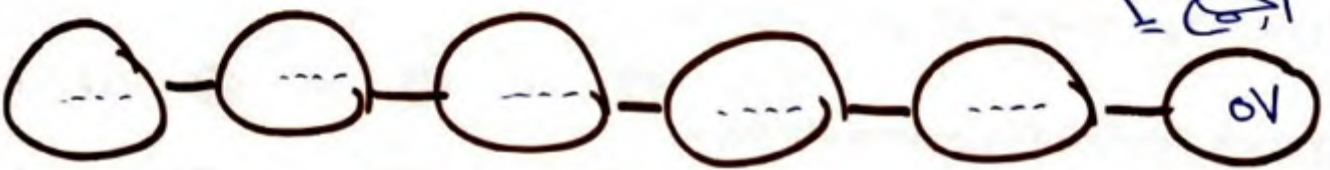
٤
٦١



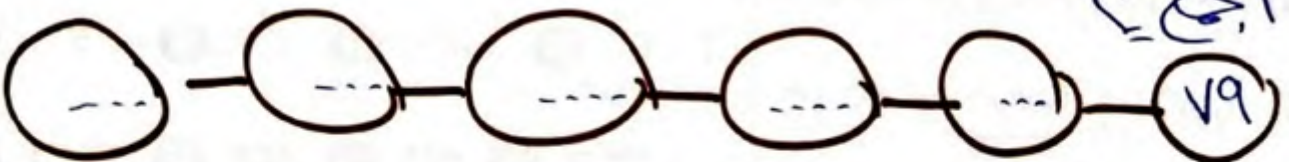
٥
٧١



٦
٨١



٧
٩١



٨
١٠١



اجمع ٣

$$\dots = ٣ + ٥ *$$

$$\dots = ٣ + ٩ *$$

$$\dots = ٣ + ١٤ *$$

$$\dots = ٣ + ٢٥ *$$

$$\dots = ٣ + ١٨ *$$

$$\dots = ٣ + ٤٢ *$$

$$\dots = ٣ + ٥٦ *$$

$$\dots = ٣ + ٨٧ *$$

$$\dots = ٣ + ٧٨ *$$

$$\dots = ٣ + ٦٢ *$$

$$\dots = ٣ + ٩٦ *$$

$$\dots = ٣ + ٣٥ *$$

$$\dots = ٣ + ٥٣ *$$

$$\dots = ٣ + ٦٤ *$$

اجمع ٦

$$\dots = ٦ + ٧ *$$

$$\dots = ٦ + ٩ *$$

$$\dots = ٦ + ١١ *$$

$$\dots = ٦ + ١٤ *$$

$$\dots = ٦ + ٢٥ *$$

$$\dots = ٦ + ٣٦ *$$

$$\dots = ٦ + ٤٨ *$$

$$\dots = ٦ + ٥٩ *$$

$$\dots = ٦ + ٦١ *$$

$$\dots = ٦ + ٧٣ *$$

$$\dots = ٦ + ٨٥ *$$

$$\dots = ٦ + ٩٩ *$$

$$\dots = ٦ + ٦٦ *$$

$$\dots = ٦ + \cdot *$$

$$\dots = ٦ + ١ \cdot *$$

علامة الجمع + تُقْرَأُ "زائد" "

علامة الطرح - تُقْرَأُ "ناقص" "

علامة الضرب x تُقْرَأُ "فى" "

علامة القسمة ÷ تُقْرَأُ "على" "

8 علامات المقارنة

يساوي
=

أصغر من
>

أكبر من
<

* نضع < أو > أو =

٢٤	○	٤٢	٢٥	○	١٥
٥٧	○	٧٥	٧٢	○	٢٧
١١	○	٢١	٦١	○	١٦
١٨	○	٩٣	١	○	صفر
٩٧	○	٧٢	١٣	○	١٣
١٦	○	٦٨	٦	○	٦٦
٤٥	○	٤٦	٩٩	○	١٠٠
٥٥	○	٦٠	٤٥	○	٣٧
٤٥	○	٦٥	٧٠	○	٨٠
٨٧	○	٨٧	٢٠	○	١٠
٣٥	○	١٦	٨٦	○	٦

جمع عددين بالطريقة الرأسية

$$\begin{array}{r} 20 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 01 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ + 10 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 3 \\ \hline \end{array}$$

اجمع

$$\begin{array}{r} 0 \\ + \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + \\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + \\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ 3 \square \\ \hline > 0 \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline 0 \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ \square - \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ > \square \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline 6 \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ 0 \square \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ \square - \\ \hline > \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline 6 \end{array}$$

$$\begin{array}{r} + \\ \square > \\ \hline 6 \end{array}$$

اجمع

$$\dots = 1 + 7 + 3$$

$$\dots = 7 + 1 + 0$$

$$\dots = 3 + 7 + 7$$

$$\dots = 1 + 7 + 7$$

$$\dots = 7 + 3 + 7$$

$$\dots = 7 + 3 + 0$$

$$\dots = 3 + 3 + 7$$

$$\dots = 7 + 7 + 0$$

$$\dots = 7 + 7 + 9$$

$$\dots = 3 + 7 + 7$$

$$\dots = 3 + 7 + 9$$

$$\dots = 3 + 0 + 7$$

$$\dots = 7 + 7 + 7$$

$$\dots = 0 + 7 + 9$$



اجمع

$$\dots = 7 + 7 + 7$$

$$\dots = 0 + 0 + 0$$

$$\dots = 2 + 2 + 2$$

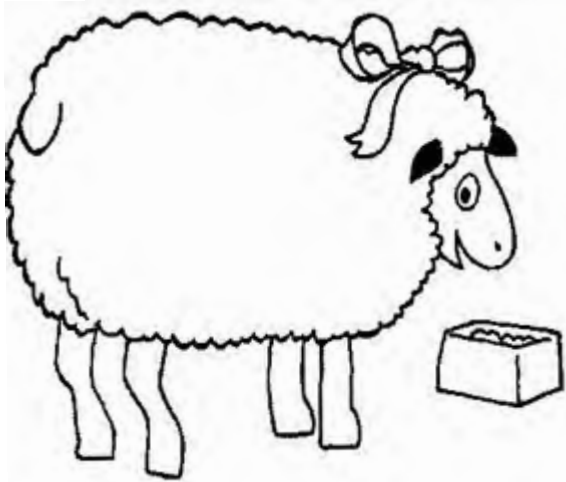
$$\dots = 3 + 3 + 3$$

$$\dots = 4 + 4 + 4$$

$$\dots = 5 + 5 + 5$$

$$\dots = 6 + 6 + 6$$

$$\dots = 9 + 9 + 9$$



٥

اكتب العدد

X X X
X X X
X X X
X X



- - -
- - -
- - -



+ + + +
+ + + +
+ + + +
+ + + +
+ + +





C C C C
C C C C
C C C C C
C C C C



B B B B
B B B
B B



A A A A
A A A A
A A
A



h h h h
h h h h h
h h h h h
h h h h h
h h h h



م م م م
م م م م
م م م



z z z z z
z z z



o o o o o o o o o o o o
o o o o o o o o o o o o
o o o o o o o o o o o o



v v v v v v v v
v v v v v v v v
v v v v v v v v



حل،

$$\textcircled{1}$$

$$7 + 1$$

$$\textcircled{2}$$

$$1 + 9$$

$$\textcircled{3}$$

$$9 + 9$$

$$\textcircled{4}$$

$$2 + 7$$

$$\textcircled{5}$$

$$2 + 9$$

$$\textcircled{6}$$

$$3 + 1$$

$$\textcircled{7}$$

$$0 + 7$$

$$\textcircled{8}$$

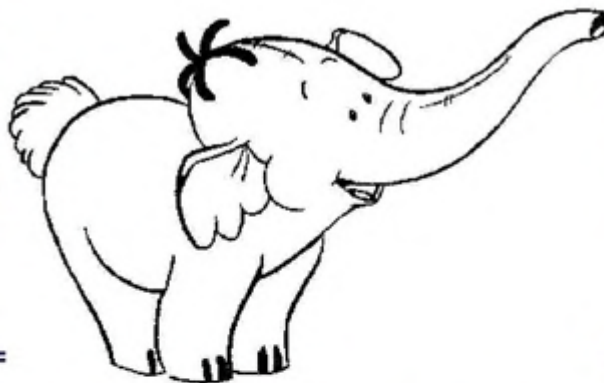
$$7 + 9$$

$$\textcircled{9}$$

$$9 + 1$$

$$\textcircled{10}$$

$$7 + 9$$



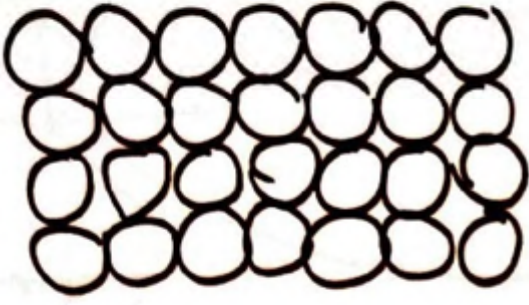
$$\dots = 2 + 1 + 2 + 1 + 2 + 2$$

$$\dots = 1 + 1 + 2 + 3 + 1 + 2 + 0$$

$$\dots = 1 + 1 + 0 + 1 + 2 + 3 + 7$$

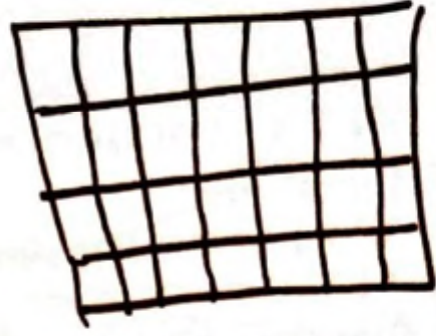


كم دائرة ؟



.....

كم مربع صغير ؟



.....

تدريب

□ ارسم □ ١٠ مثلثات Δ

□ ارسم □ ١٥ مربع □

٢٢ اسم [٢٠] علامة +

٢٣ اسم [٢٥] علامة =

٢٤ اكتب [١٠] مرات كلمة محمد

٢٥ اكتب [١٢] مرة كلمة حذيفة

صل الكلمة بالرسم



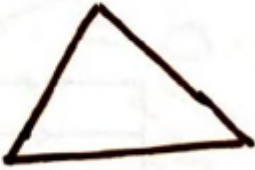
قلم



آلة حاسبة



مربع



مثلث

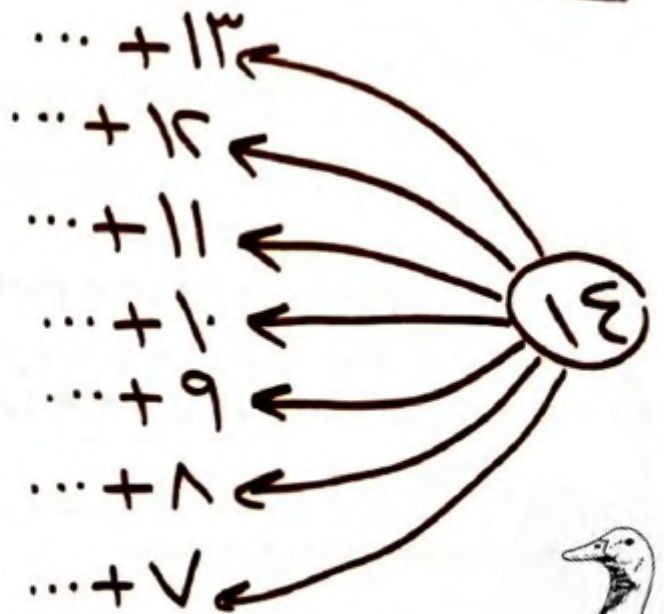
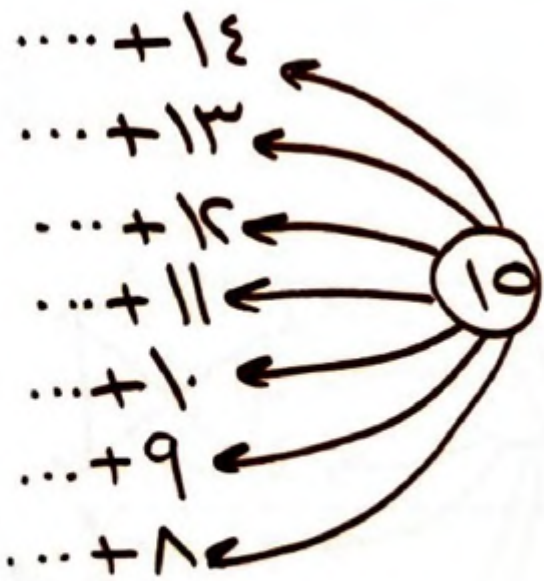


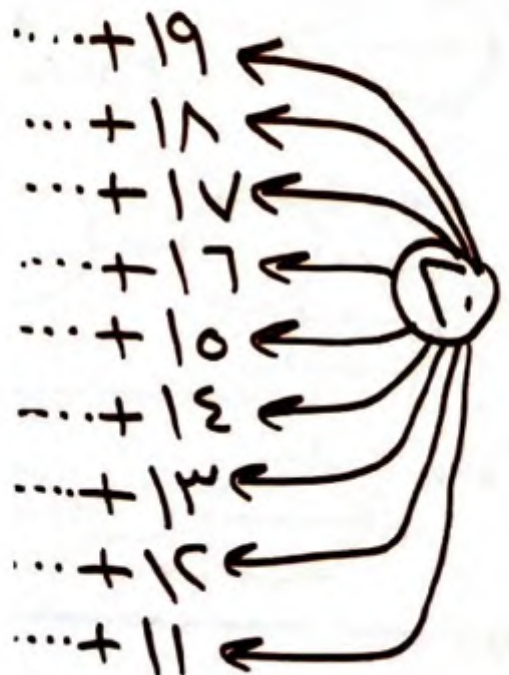
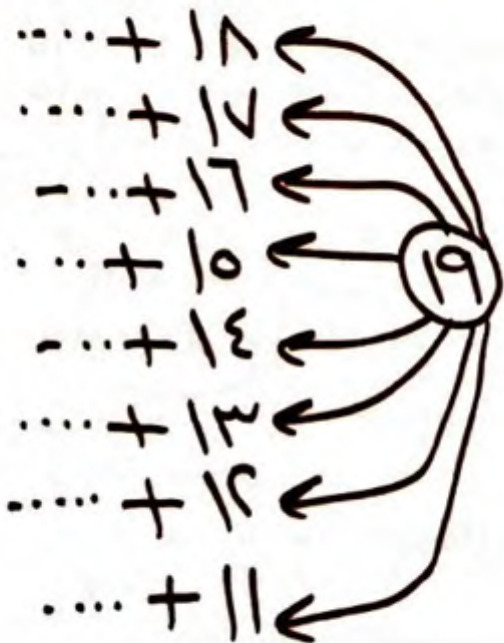
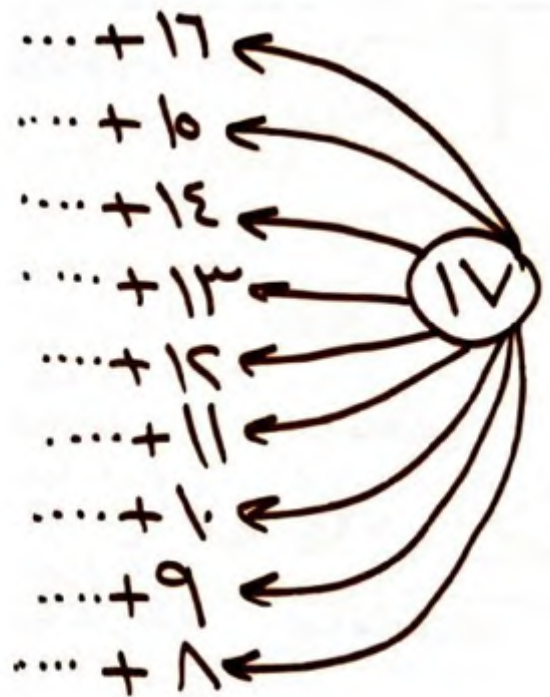
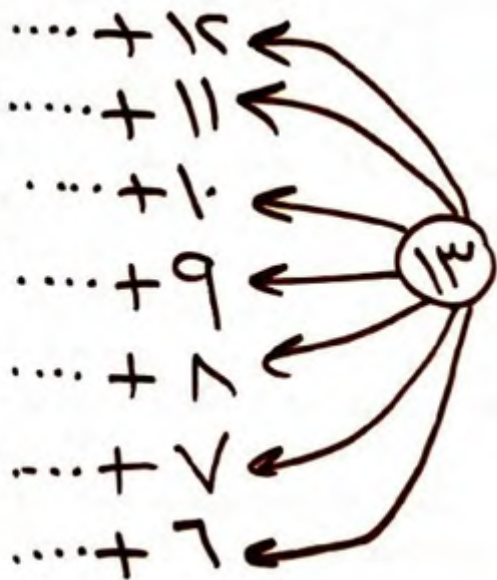
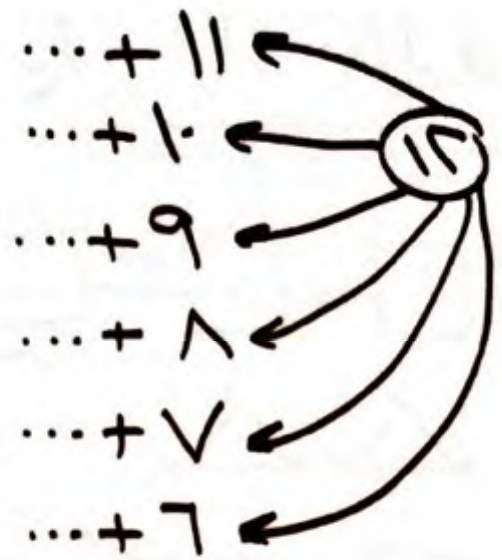
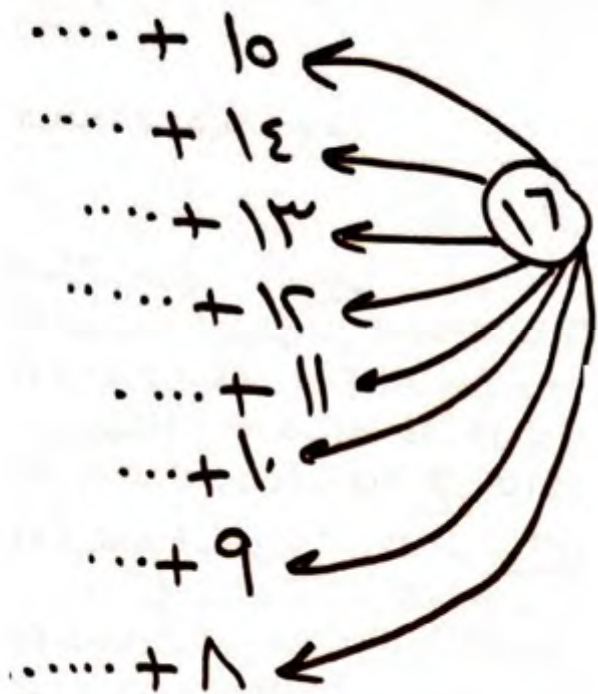
دايرة

$\begin{array}{r} + \\ \hline 1 \end{array}$	$\begin{array}{r} + \\ \hline 2 \end{array}$	$\begin{array}{r} + \\ \hline 3 \end{array}$	$\begin{array}{r} + \\ \hline 4 \end{array}$
$\begin{array}{r} + \\ \hline 00 \end{array}$	$\begin{array}{r} + \\ \hline 01 \end{array}$	$\begin{array}{r} + \\ \hline 10 \end{array}$	$\begin{array}{r} + \\ \hline 11 \end{array}$

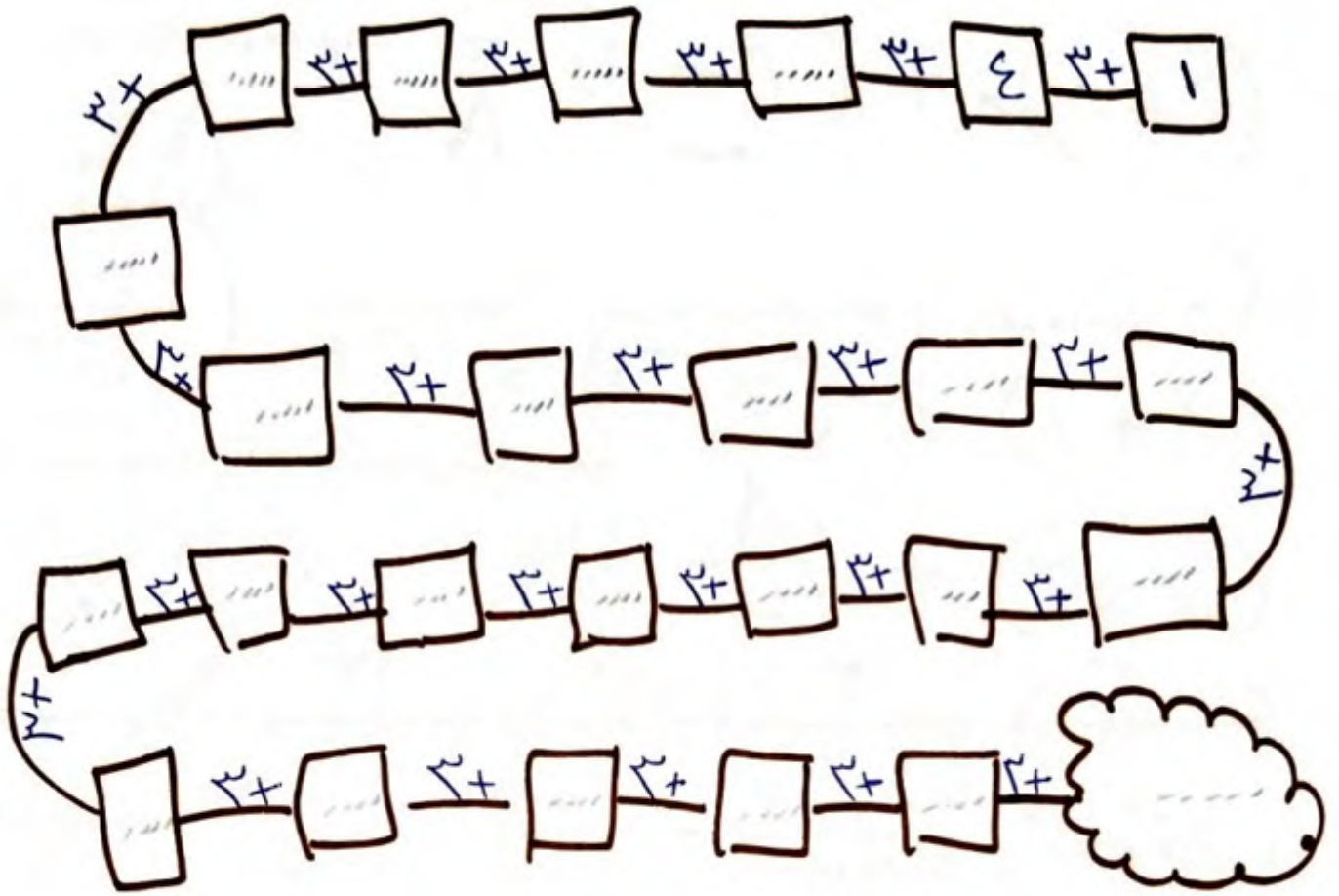
$\dots = 1 + 1$	$\dots = 1 + 1$
$\dots = 1 + 2$	$\dots = 1 + 2$
$\dots = 1 + 3$	$\dots = 1 + 3$
$\dots = 1 + 0$	$\dots = 1 + 0$
$\dots = 1 + 1$	$\dots = 1 + 1$
$\dots = 1 + 2$	$\dots = 1 + 2$
$\dots = 1 + 3$	$\dots = 1 + 3$
$\dots = 1 + 4$	$\dots = 1 + 4$
$\dots = 1 + 5$	$\dots = 1 + 5$
$\dots = 1 + 6$	$\dots = 1 + 6$
$\dots = 1 + 7$	$\dots = 1 + 7$
$\dots = 1 + 8$	$\dots = 1 + 8$
$\dots = 1 + 9$	$\dots = 1 + 9$

$0 = 1 + \dots$	$\dots + 0 = 0$
$1 = 1 + \dots$	$\dots + 1 = 1$
$2 = 1 + \dots$	$\dots + 1 = 2$
$3 = 1 + \dots$	$\dots + 1 = 3$
$4 = 1 + \dots$	$\dots + 1 = 4$
$5 = 1 + \dots$	$\dots + 1 = 5$
$6 = 1 + \dots$	$\dots + 1 = 6$
$7 = 1 + \dots$	$\dots + 1 = 7$
$8 = 1 + \dots$	$\dots + 1 = 8$
$9 = 1 + \dots$	$\dots + 1 = 9$

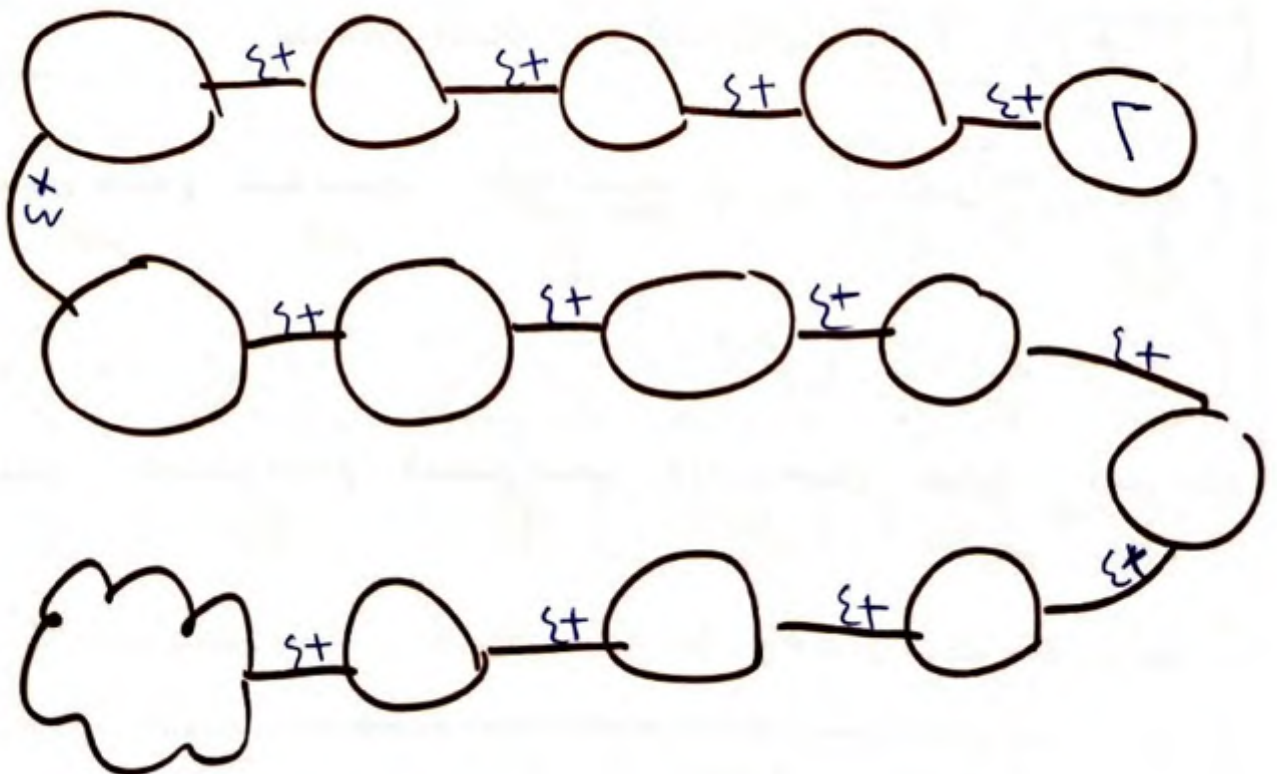




قطار الأعداد (+3)



قطار الأعداد (+5)



أوجد ناتج :-

$$\dots = (2+6) + (0+4)$$

$$\dots = (1+7) + (3+6)$$

$$\dots = (2+3) + (1+8)$$

$$\dots = (2+2) + (2+7)$$

$$\dots = (3+2) + (2+6)$$

$$\dots = (0+7) + (7+7)$$

$$\dots = (2+3) + (2+8)$$

$$\dots = (2+7) + (1+9)$$

$$\dots = (0+0) + (3+7)$$

$$\dots = (1+2) + (2+7)$$

$$\dots = (2+1) + (2+7)$$

$$\dots = (2+0) + (2+0)$$

$$\dots = (1+2) + (7+7)$$



الطرح



$$= 3 - 1$$

$$= 2 - 1$$

$$= 1 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 3 - 1$$

$$= 2 - 1$$

$$= 1 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 0 - 1$$

$$= 0 - 0$$

$$= 0 - 0$$

$$= 1 - 1$$

$$= 2 - 1$$

$$= 1 - 1$$

$$= 2 - 1$$

$$= 1 - 1$$

$$= 0 - 1$$

$$= 1 - 1$$

$$= 2 - 1$$

$$= 1 - 1$$

$$= 1 - 1$$

$$= 1 - 9$$

$$= 0 - 9$$

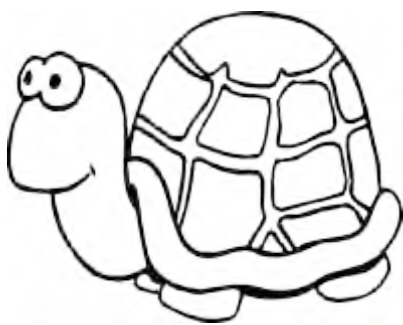
$$= 0 - 9$$

$$= 0 - 9$$

$$= 0 - 9$$

$$= 0 - 9$$

$$= 0 - 9$$



$= 10 * 9 \text{ من } 10$	$= 10 * 7 \text{ من } 10$
$= 10 * 10 \text{ من } 10$	$= 9 * 5 \text{ من } 9$
$= 7 * 7 \text{ من } 7$	$= 3 * 2 \text{ من } 2$
$= 7 * 7 \text{ من } 7$	$= 9 * 8 \text{ من } 9$
$= 3 * 7 \text{ من } 7$	$= 7 * 7 \text{ من } 7$
$= 2 * 9 \text{ من } 9$	$= 3 * 3 \text{ من } 3$
$= 2 * 10 \text{ من } 10$	$= 4 * 9 \text{ من } 9$
$= 9 * 9 \text{ من } 9$	$= 7 * 9 \text{ من } 9$
$= 5 * 7 \text{ من } 7$	$= 10 * 7 \text{ من } 10$
$= 4 * 8 \text{ من } 8$	$= 3 * 1 \text{ من } 3$
$= 7 * 7 \text{ من } 7$	$= 1 * 4 \text{ من } 4$
$= 8 * 8 \text{ من } 8$	$= 2 * 8 \text{ من } 8$
$= 1 * 8 \text{ من } 8$	$= 3 * 5 \text{ من } 5$
$= 7 * 9 \text{ من } 9$	$= 4 * 4 \text{ من } 4$
	$= 1 * 7 \text{ من } 7$

المرح :-

1
2
3

0
3
2

1
3
1

2
2
1

1
2
3

0
3
2

1
2
1

0
3
2

6
7
6

1
0
3

1
0
1

1
2
2

1
1
2

0
0
2

6
4
3

1
2
2

1
2
0

1
2
0

1
2
3

1
2
3

1
2
3

1
2
3

0
0
2

1
2
3

6
4
3

1
2
0

1
2
3



$\begin{array}{r} 1 \\ 6 \\ 3 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 0 \\ \hline 1 \end{array}$

$\begin{array}{r} 1 \\ 0 \\ 3 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 0 \\ \hline 1 \end{array}$

$\begin{array}{r} 1 \\ 2 \\ 3 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 3 \\ \hline 1 \end{array}$

$\begin{array}{r} 1 \\ 3 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 3 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 2 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 3 \\ 2 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 0 \\ \hline 1 \end{array}$ $\begin{array}{r} 1 \\ 2 \\ 2 \\ \hline 1 \end{array}$



أكمل عملية الطرح

$$\begin{array}{r} \square 7 \\ - \square 4 \\ \hline 00 \end{array}$$

$$\begin{array}{r} \square 6 \\ - \square 2 \\ \hline 39 \end{array}$$

$$\begin{array}{r} \square 7 \\ - \square 0 \\ \hline 10 \end{array}$$

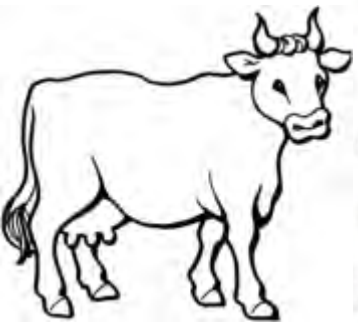
$$\begin{array}{r} \square 7 \\ - \square 3 \\ \hline 33 \end{array}$$

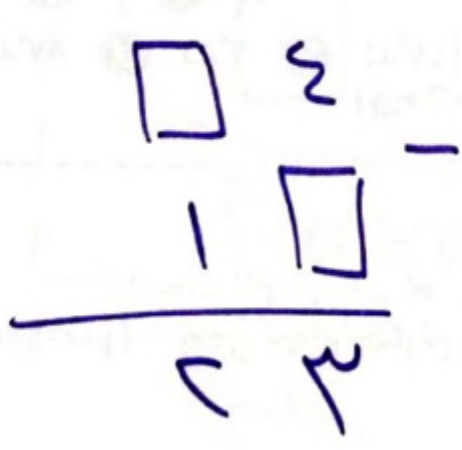
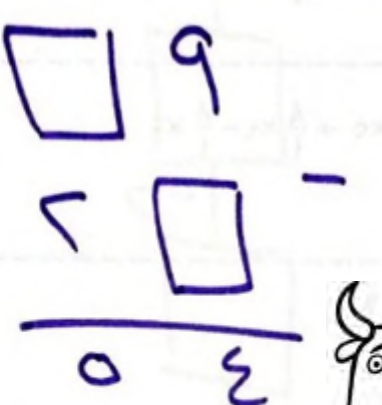
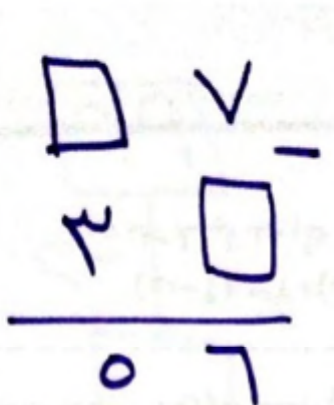
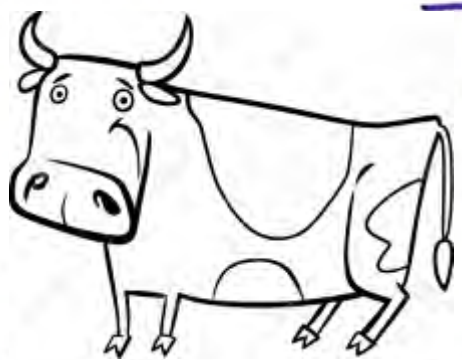
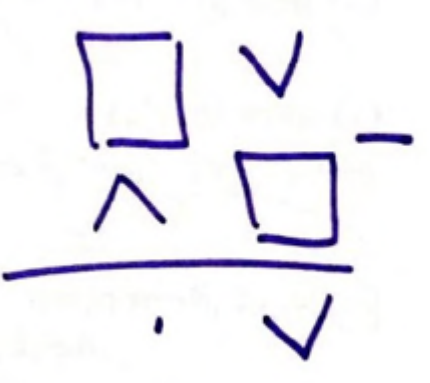
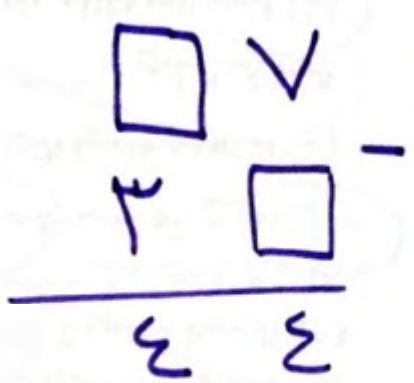
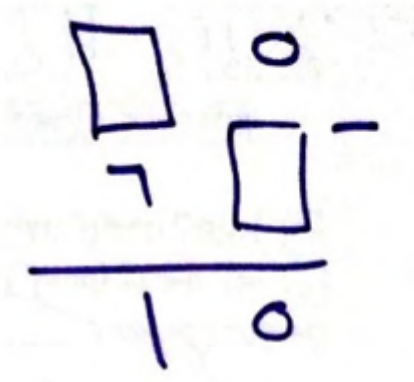
$$\begin{array}{r} \square 0 \\ - \square 7 \\ \hline 37 \end{array}$$

$$\begin{array}{r} \square 7 \\ - \square 2 \\ \hline 36 \end{array}$$

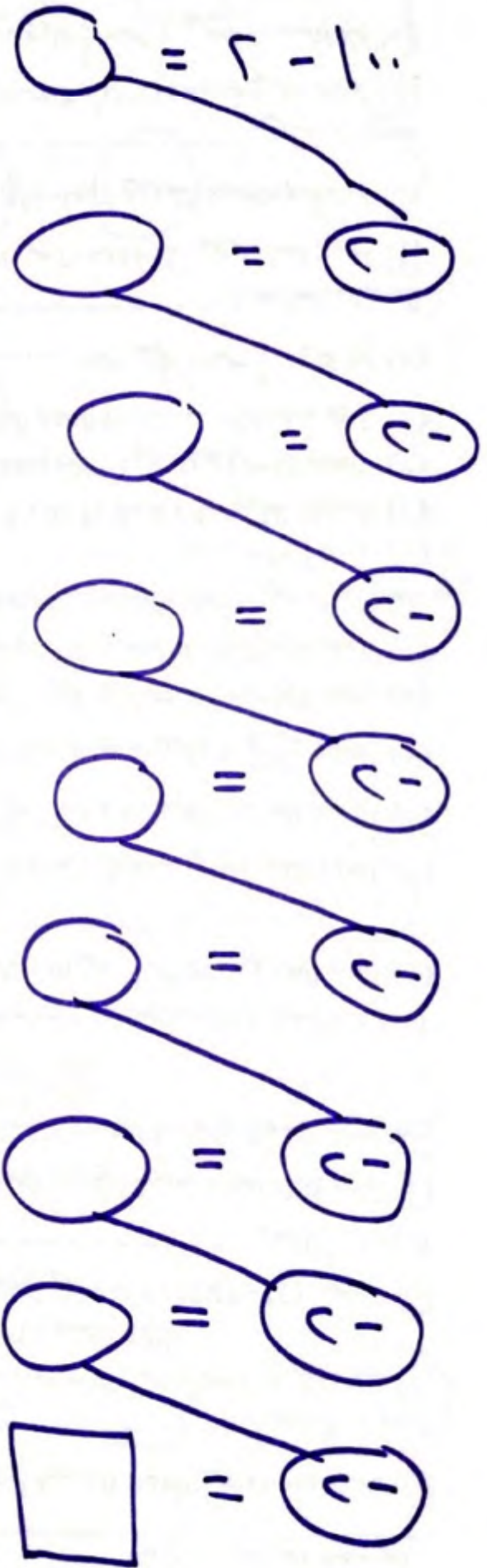
$$\begin{array}{r} \square 3 \\ - \square 1 \\ \hline 22 \end{array}$$

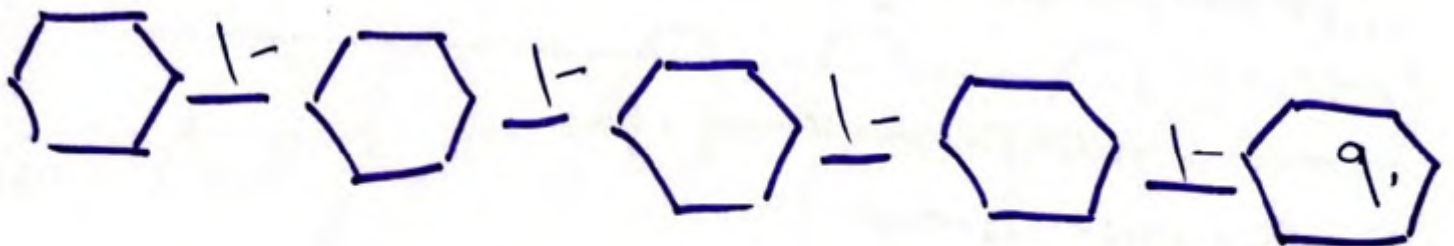
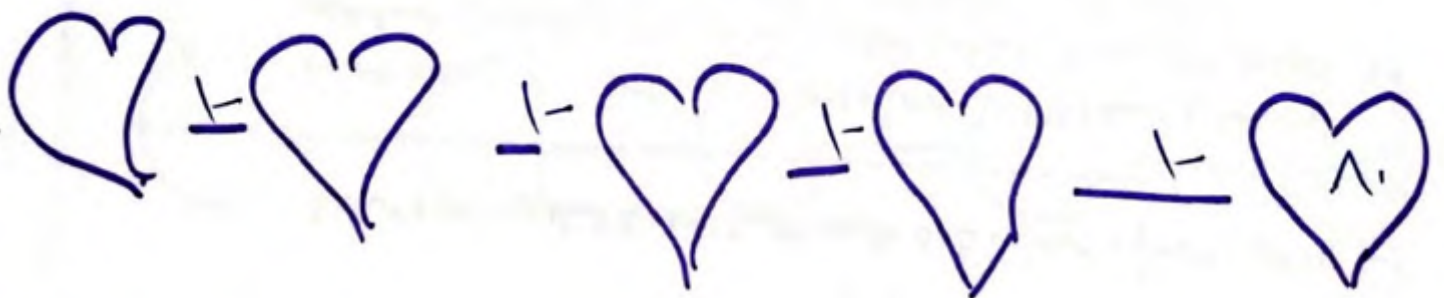
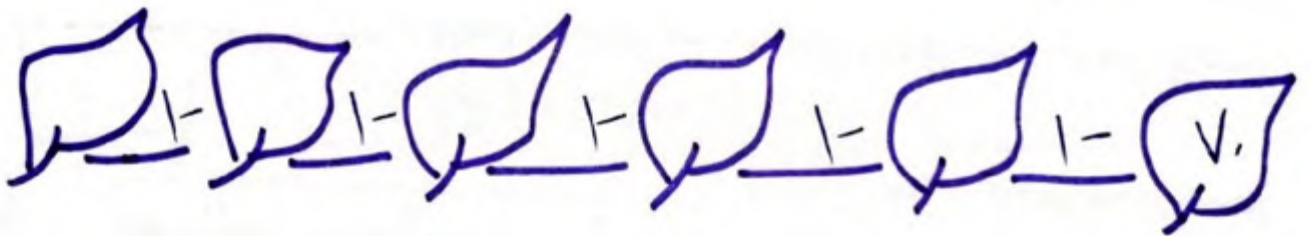
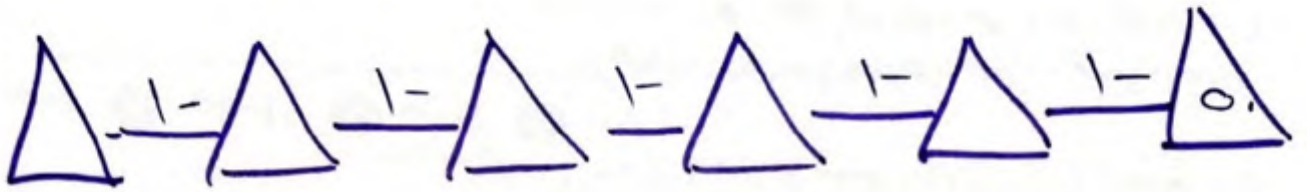
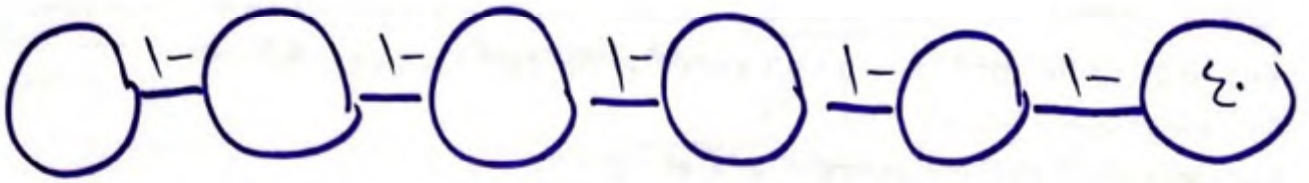
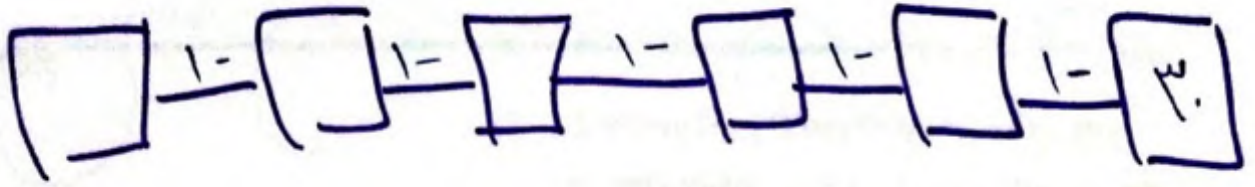
$$\begin{array}{r} \square 0 \\ - \square 1 \\ \hline 89 \end{array}$$

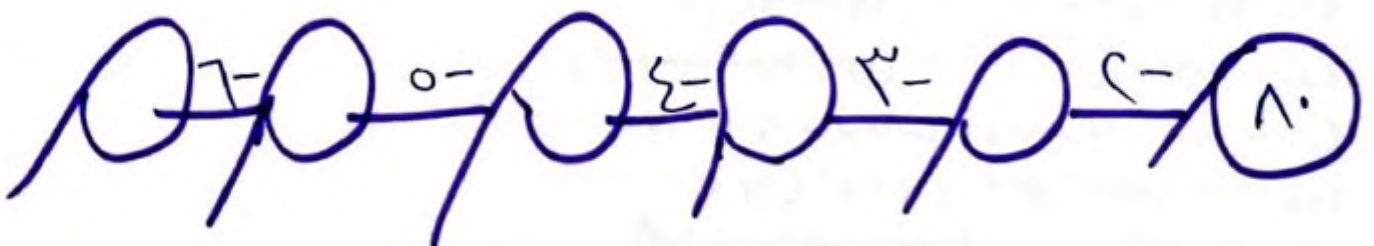
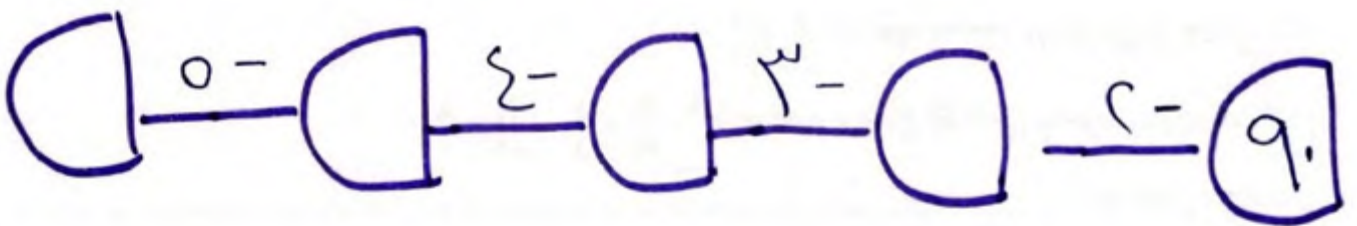
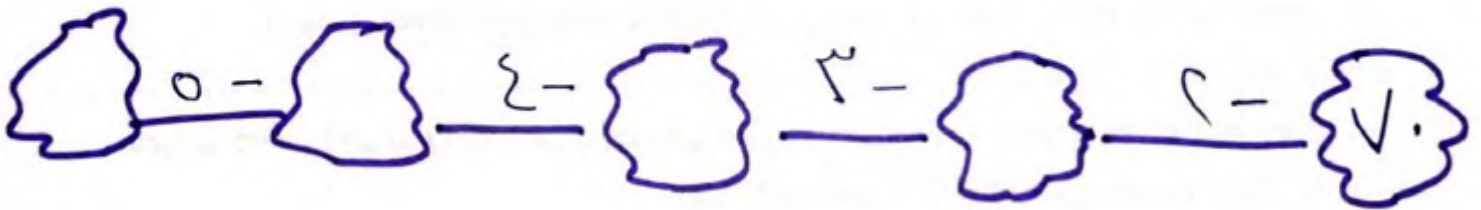
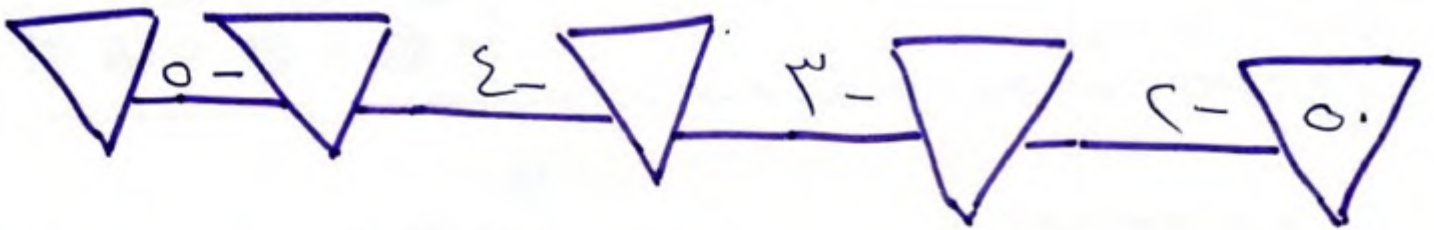
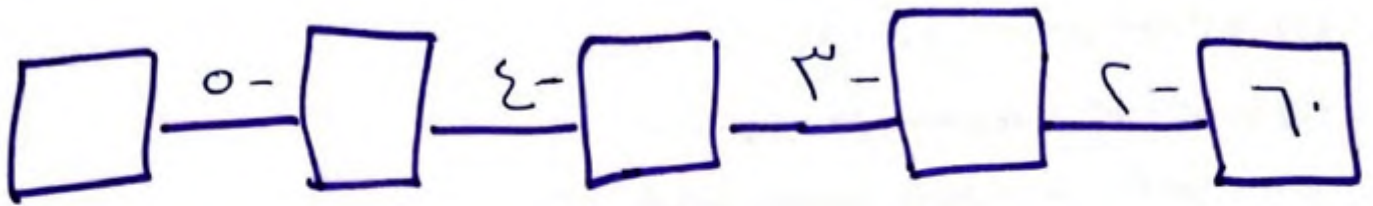




قطار العرج







← الدمج بين الجمع والطرح

34



إلى اللقاء مع الجزء الثاني
من تأسيس الرياضيات
مع تحياتي أبو حذيفة .. محمد صلاح

$$\begin{aligned}
 &= 14 - (10 + 12) \\
 &= 22 - (23 + 20) \\
 &= 73 - (01 + 27) \\
 &= 77 - (03 + 26) \\
 &= 06 - (31 + 27) \\
 &= 23 - (20 + 30) \\
 &= 12 - (01 + 70) \\
 &= 03 - (30 + 20) \\
 &= 27 - (03 + 26) \\
 &= 22 - (33 + 22) \\
 &= 12 - (30 + 29) \\
 &= 06 - (31 + 27) \\
 &= 27 - (12 + 73)
 \end{aligned}$$