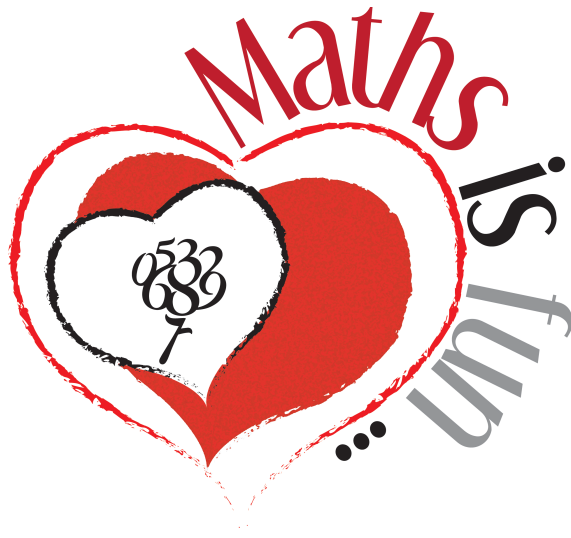




Incwadi Yam Yomsebenzi Wasekhaya (4)

Igama:

Unyaka:

Isikolo:

Ubhengezo

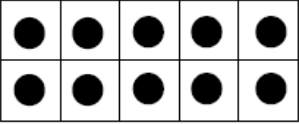
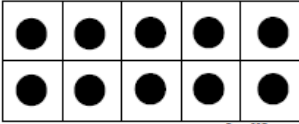
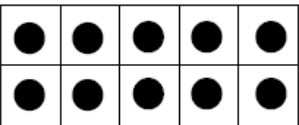
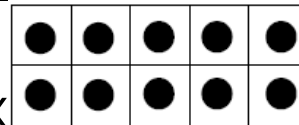
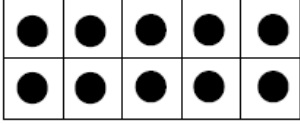
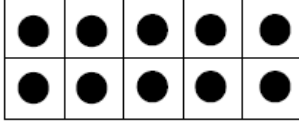
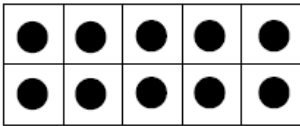
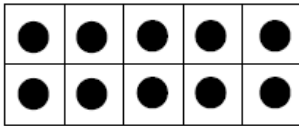
Lencwadi ayithengiswa okanye isetyenziswe ikwenza ungeniselo. Isetyenziselwa injongo zezemfundo qha. Ungayi khuphela ngesikhuphelo esenziwe ngokufota.

Iqweba lokwazi ukubala lase Mzantsi Afrika.
Erhini, Mzantsi Afrika www.ru.ac.za/sanc

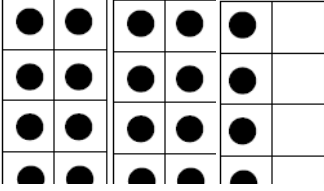
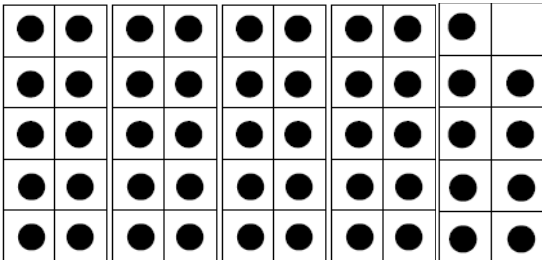
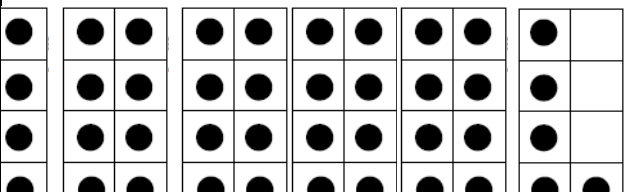
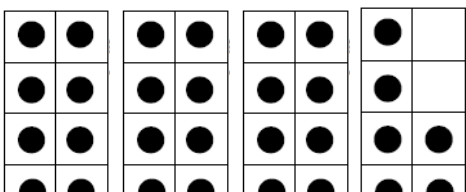
UPHINDA-PHINDO

UPHINDA-PHINDO OLUNA MAPHAHLA ALISHUMI

Bala zingaphi ubhale ubalo lo phinda-phindo ngasezantsi.

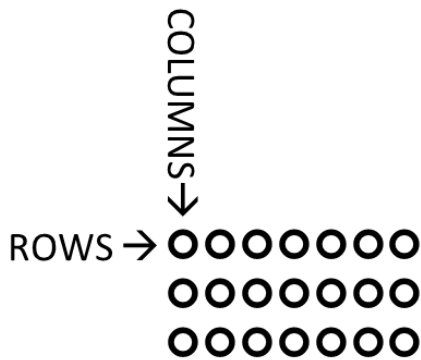
Zingaphi?	
Umzekelo 4 x  4 x 10 = 40	5 x 
5 x 	10 x 
 x 2	 x 3
 x 6	 x 4

Ngoku bala zingaphi xa uzidibanisa. Ubale isidibaniso ngasezantsi.

Umzekelo  2 x 10 + 6 = 26	 ___ x 10 + ___ =
 ___ x 10 + ___ =	 ___ x 10 + ___ =

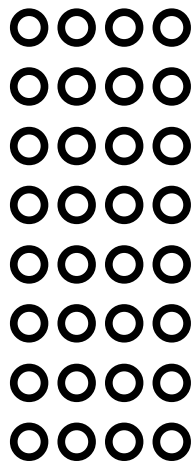
UPHINDA-PHINDO NGOKUMISWE NGEZINTLU (1)

Umzekelo



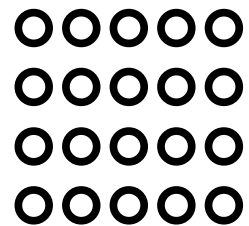
Zingaphi? **21**
Ndibona

Intsika eziyi 7 ezina 3
okanye **amakrozo ayi 7 ana 3**
Bhala uphinda-phindo balo:
 $7 \times 3 = 21$ OR $3 \times 7 = 21$



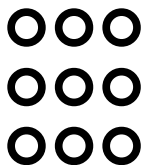
Zingaphi?
Ndibona

Bhala uphinda-phindo balo



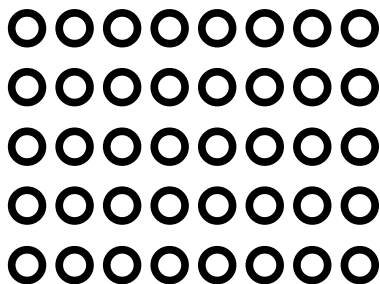
Zingaphi?
Ndibona

Bhala uphinda-phindo balo



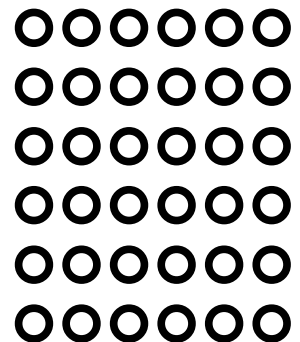
Zingaphi?
Ndibona

Bhala uphinda-phindo balo



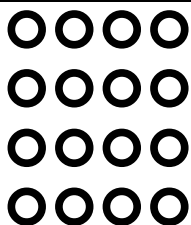
Zingaphi?
I see

Bhala uphinda-phindo balo



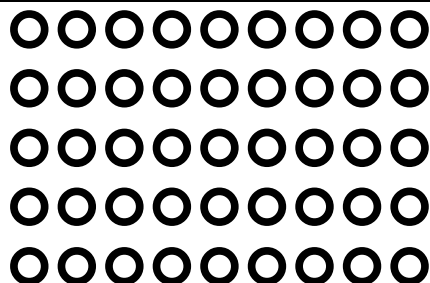
Zingaphi?
I see

Bhala uphinda-phindo balo



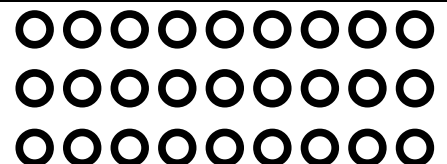
Zingaphi?
Ndibona

Bhala uphinda-phindo balo



Zingaphi?
Ndibona

Bhala uphinda-phindo balo



Zingaphi?
Ndibona

Bhala uphinda-phindo balo

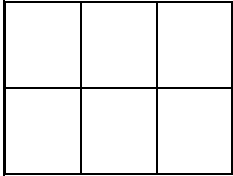
ZINGAPGI IZIKWERE?

Umzekelo

Itsho uyibona njani wena:

Ndibona **2** amakrozo ana **3** izikwere

Ndibona **3** iintsika ezina **2** izikwere



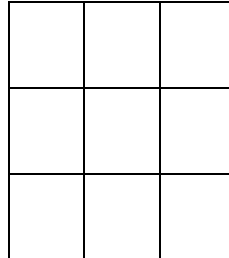
Jikeleza ubalo
olubonakalisa lentlu?

$$2 \times 3 =$$

$$3 + 3 + 3 =$$

$$3 \times 3 =$$

$$3 \times 2 =$$



Jikeleza ubalo
olubonakalisa lentlu?

$$3 \times 4 =$$

$$3 + 3 + 3 =$$

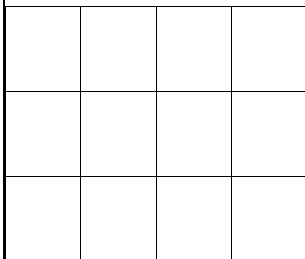
$$3 \times 3 =$$

$$3 + 3 =$$

Itsho uyibona njani wena:

Ndibona ____ amakrozo ana ____
amaxande

Ndibona ____ iintsika ezina ____
amagxande



Jikeleza ubalo
olubonakalisa lentlu?

$$3 \times 4 =$$

$$3 + 3 + 3 =$$

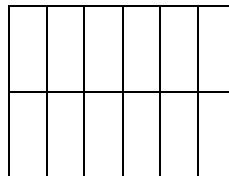
$$4 + 3 =$$

$$3 + 3 + 3 + 3 =$$

Itsho uyibona njani wena:

Ndibona ____ amakrozo ana ____
amaxande

Ndibona ____ iintsika ezina ____
amagxande



Jikeleza ubalo
olubonakalisa lentlu?

$$2 \times 6 =$$

$$6 \times 2 =$$

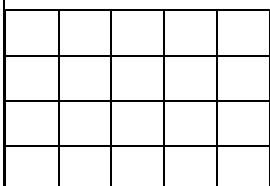
$$6 + 6 =$$

$$6 + 6 + 6 =$$

Itsho uyibona njani wena:

Ndibona ____ amakrozo ana ____
amaxande

Ndibona ____ iintsika ezina ____
amaxande



Jikeleza ubalo
olubonakalisa lentlu?

$$5 \times 4 =$$

$$5 + 5 + 5 + 5 =$$

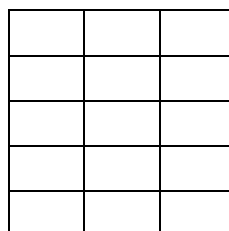
$$4 + 5 =$$

$$5 + 5 =$$

Itsho uyibona njani wena:

Ndibona ____ amakrozo ana ____
amaxande

Ndibona ____ iintsika ezina ____
amaxande



Jikeleza ubalo
olubonakalisa lentlu?

$$5 \times 4 =$$

$$3 + 3 =$$

$$3 \times 3 =$$

$$3 + 3 + 3 + 3 + 3 =$$

UQHELISWANO NOKU PHINDA-PHINDO (UKU PHINDA-PHINDO NGO 2, 3, 5 NO 10)

4 x 2 = _____	6 x 5 = _____	8 x 3 = _____
6 x 2 = _____	4 x 5 = _____	4 x 2 = _____
9 x 2 = _____	5 x 5 = _____	6 x 2 = _____
7 x 2 = _____	8 x 5 = _____	9 x 10 = _____
5 x 2 = _____	10 x 5 = _____	4 x 5 = _____
2 x 2 = _____	7 x 5 = _____	2 x 10 = _____
10 x 2 = _____	9 x 5 = _____	7 x 5 = _____
4 x 3 = _____	10 x 10 = _____	7 x 2 = _____
8 x 3 = _____	6 x 10 = _____	2 x 5 = _____
3 x 3 = _____	4 x 10 = _____	10 x 3 = _____
6 x 3 = _____	9 x 10 = _____	7 x 3 = _____
10 x 3 = _____	5 x 10 = _____	9 x 2 = _____
7 x 3 = _____	8 x 10 = _____	4 x 3 = _____

NGOKU ZIQHELANISE KULE TAFILE UKWENZA UPHINDA-PHINDO

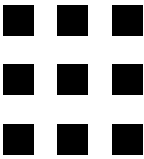
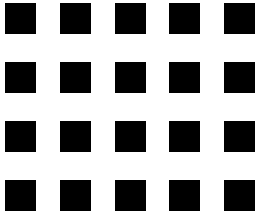
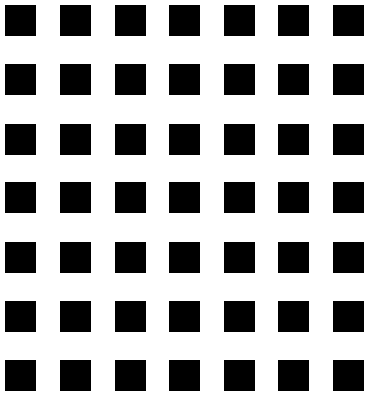
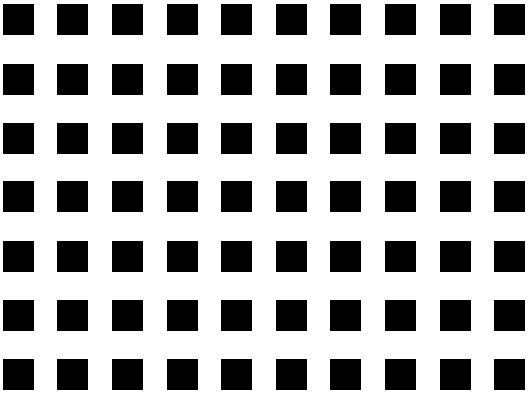
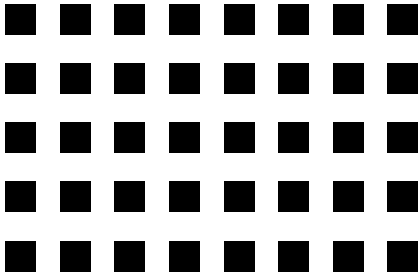
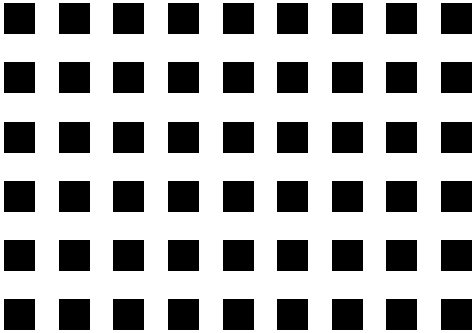
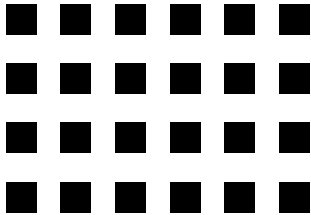
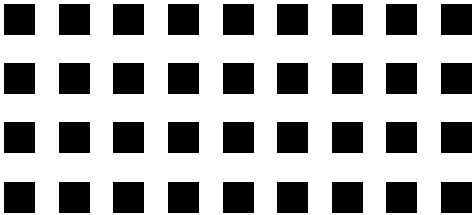
X	1	2	3	4	5	6	7	8	9	10	
1		2									
2											
3				12							
4						24				40	
5						30					
10		20								100	

4 X 10 = 40
OR
10 X 4 = 40

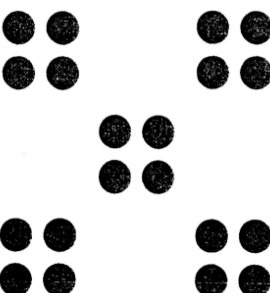
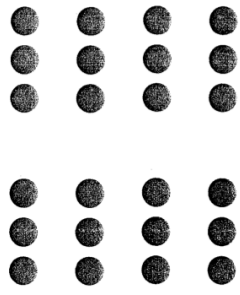
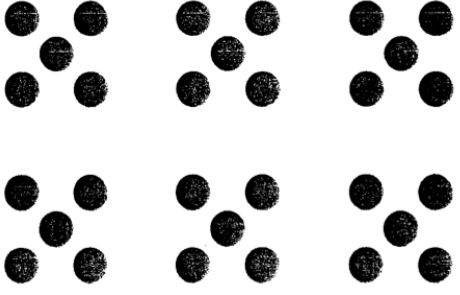
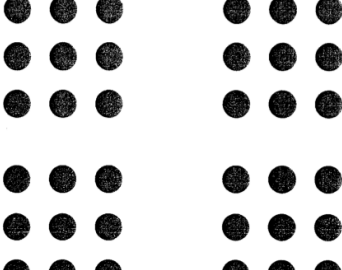
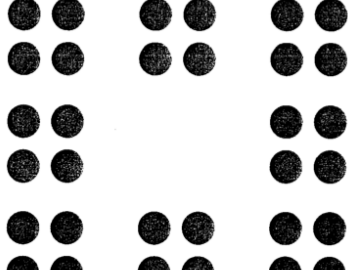
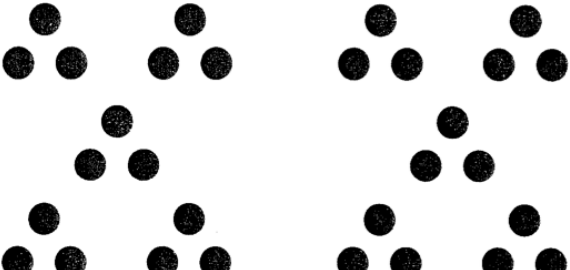
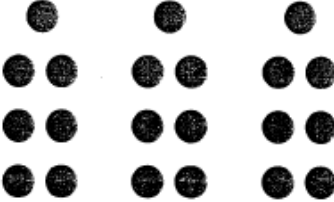
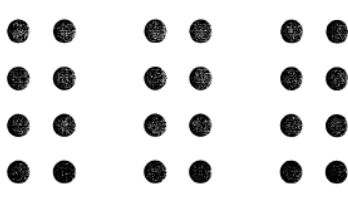
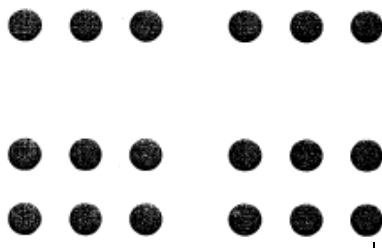
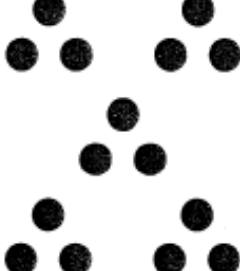
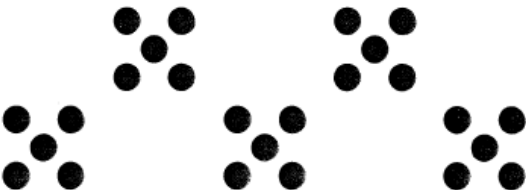
5 X 6 = 30
OR
6 X 5 = 30

UPHINDA-PHINDO (2)

Bala zingaphi, ubale ubalo lophinda-phindo ngasezantsi.

Example  Zingaphi? 9 Bhala ubalo: $3 \times 3 = 9$	 Zingaphi? Bhala ubalo:
 Zingaphi? Bhala ubalo:	 Zingaphi? Bhala ubalo:
 Zingaphi? Bhala ubalo:	 Zingaphi? Bhala ubalo:
 Zingaphi? Bhala ubalo:	 Zingaphi? Bhala ubalo:

UPHINDA-PHINDO LWECHAPHAZA

Umzekelo 		
Zingaphi? 20 Ndibona uhlanganiso oluyi 5 oluna 4 Bhala ubalo: 5 x 4 = 20	Zingaphi? Ndibona Bhala ublao:	Zingaphi? Ndibona Bhala ubalo:
		
Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:
		
Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:
		
Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:	Zingaphi? Ndibona Bhala ubalo:

UOHINDA-PHINDO OLUKAWLEZILEYO

Phinda-phinda inani nganye ngo 1, nango 10 nango 100

3	X 1	3	6	X 1		12	X 1	
	X 10	30		X 10			X 10	
	X 100	300		X 100			X 100	
4	X 1		8	X 1		16	X 1	
	X 10			X 10			X 10	
	X 100			X 100			X 100	
5	X 1		10	X 1		15	X 1	
	X 10			X 10			X 10	
	X 100			X 100			X 100	
2	X 1		4	X 1		8	X 1	
	X 10			X 10			X 10	
	X 100			X 100			X 100	
7	X 1		14	X 1		21	X 1	
	X 10			X 10			X 10	
	X 100			X 100			X 100	

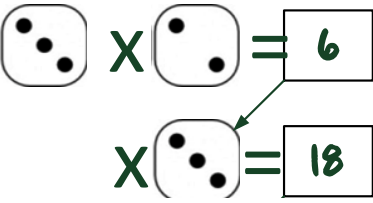
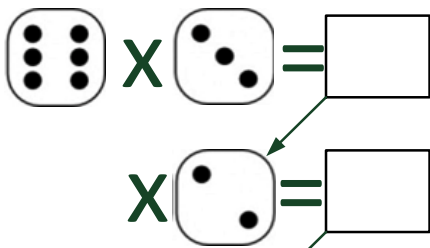
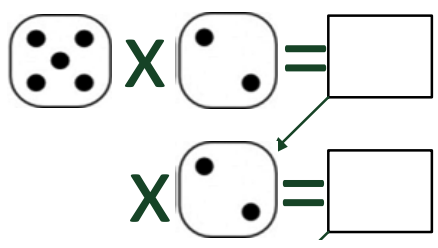
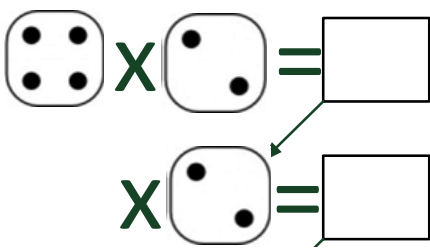
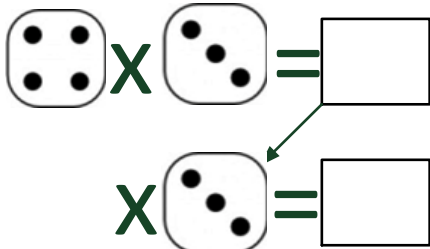
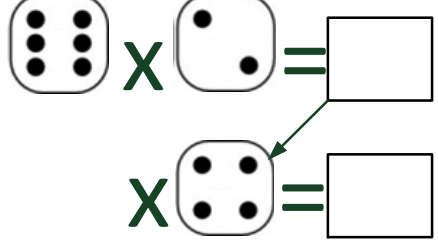
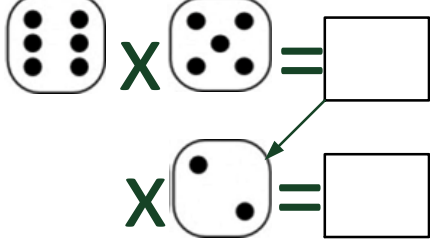
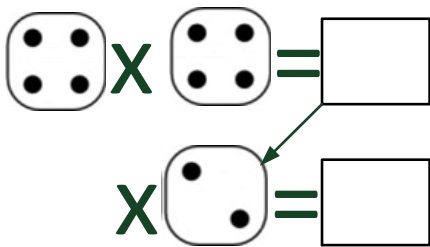
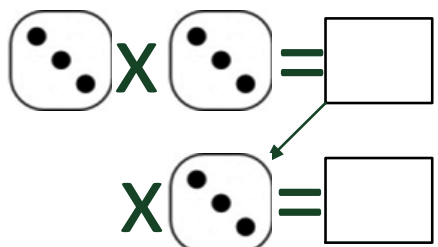
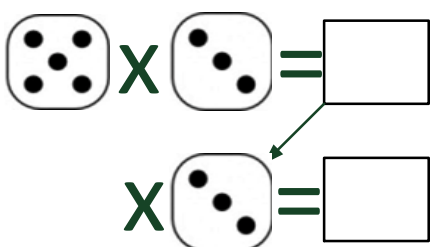
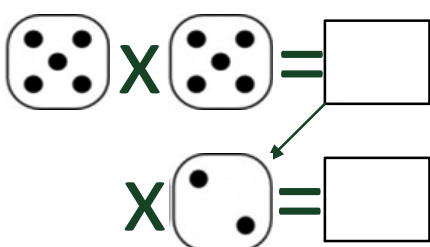
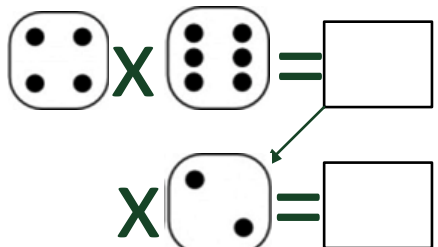
Itsho ubona ntoni xa usenza olubalo?

Yenza ezizibalo zophinda-phindo zikhawlezileyo

x	5	3	2	x	3	5	4	x	4	5	2
10		30		15	60			5			
20				25				2		10	

PHINDA-PHINDA AMACHAPHAZA

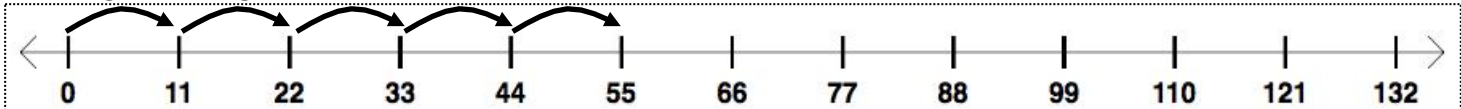
Phinda-phinda amachaphaza akwi dayisi ubhale impendulo. Uqhubekeke ubhale ubalo lwayo.

Umzekelo	 $2 \times 3 = 6$ $6 \times 3 = 18$		
			
			
			

UPHINDA-PHINDO OLUKUMGCA WAMANANI

Bala ngo kwangeza u11 uyofika ku**55**.

Zoba amatolo ukubonisa udibanisa.



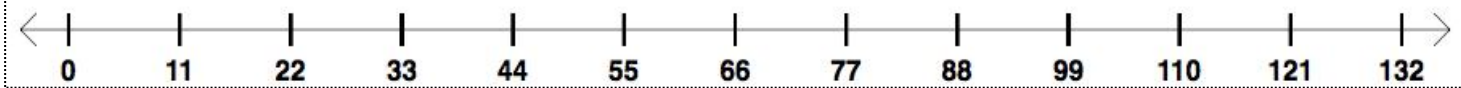
Example:

$$11 + 11 + 11 + 11 + 11 = 55$$

$$5 \times 11 = 55$$

Ngoku bala ngokwangeza u11 uyofika ku **99**.

Zoba amatola ubonisa ukudibanisa.

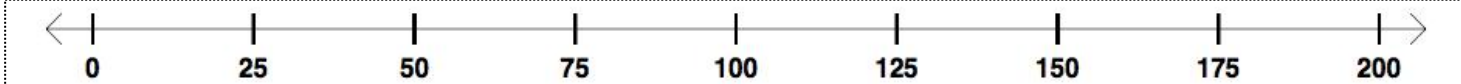


$$11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \times 11 = 99$$

Bala ngokudibanisa u25 uyofika ku **150**.

Zoba amatola ukubonisa ukudibanisa.

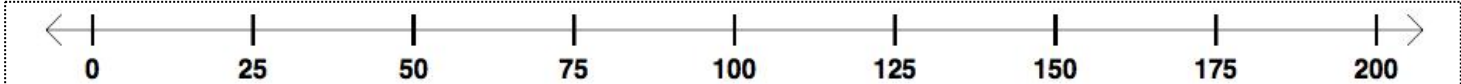


$$25 + 25 + 25 + 25 + 25 + 25 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \times 25 = 150$$

Bala ngokudibanisa u25 uyofika ku **200**.

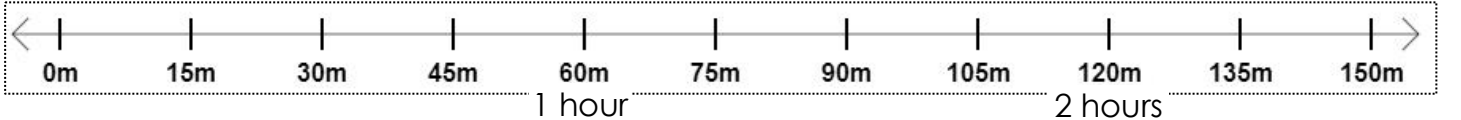
Zoba mamtola ubonisa ukudobanisa.



Write 2 sums

Bala ngokudibanisa u15 uyofika kwi yure enye.

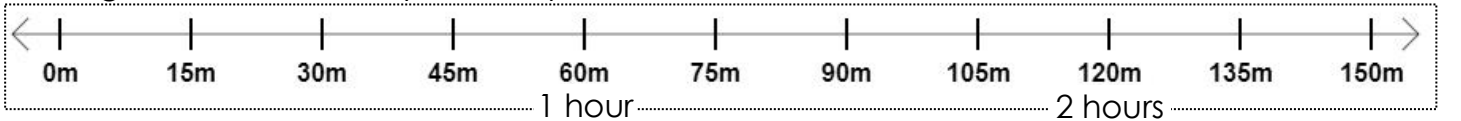
Zoba amatola ubonisa ukudibanisa.



$$15m + 15m + 15m + 15m = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \times 15m = 60m$$

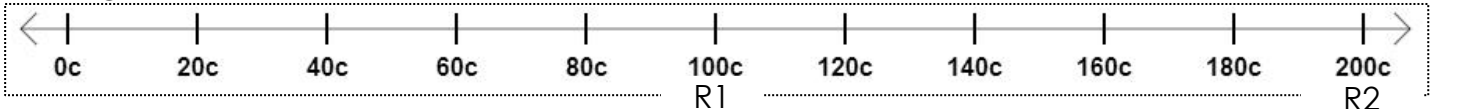
Bala ngokudibanisa u30 uyifika kwi yure ezimbini. .



Write 2 sums

Bala ngokudibanisa i20c uyofika kwi **R2**.

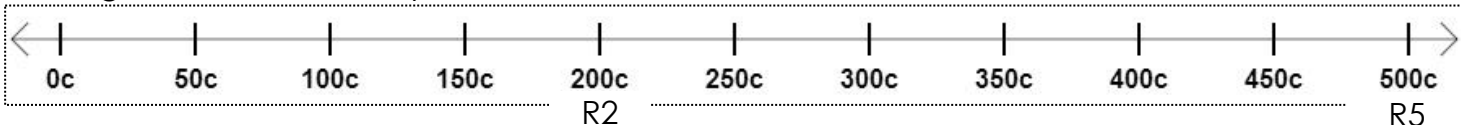
Zoba amatola ukubonisa ukudibanisa.



Bhala izibalo zibembini

Bala ngokudibanisa i20c uyofika kwi **R5**.

Zoba amatola ukubonisa ukudibanisa.

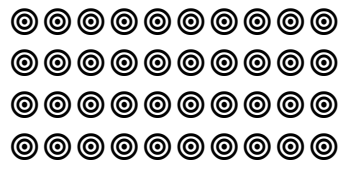
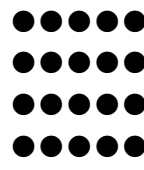
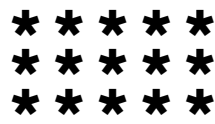
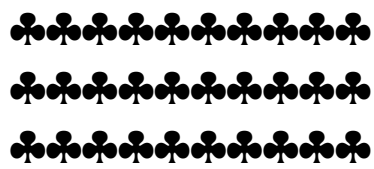
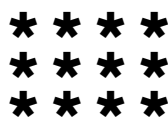
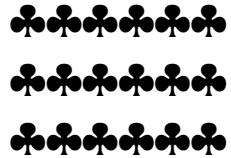


Bhala izibalo zibembini

UKWAHLULA

UKWABELANA (1)

Bhala ubalo lo kwahlula

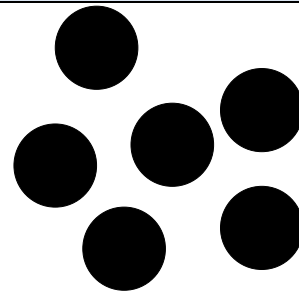
Umzekelo  Yenza uhlanganiso oluna 6 nganye Bonisa uzahlula njani Ndibona uhlanganiso oluyi 3 oluna 6 Zenza ngaphi? 18 Bhala ubalo: $18 \div 3 = 6$	 Yenza uhlanganiso oluna 10 nganye Bonisa uzahlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:	 Yenza uhlanganiso oluna 5 nganye Bonisa uzahlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:
 Yenza uhlanganiso oluna 5 Bonisa uzahlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:	 Yenza uhlanganiso oluna 9 Bonisa uzahlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:	 Yenza uhlanganiso oluna 10 Bonisa uzahlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:
 Yenza uhlanganiso oluna 6 Bonisa uzokhlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi Bhala ubalo:	 Yenza uhlanganiso oluna 3 Bonisa uzokhlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:	 Yenza uhlanganiso oluna 6 Bonisa uzokhlula njani Ndibona ___ uhlanganiso oluna ___ Zenza ngaphi? Bhala ubalo:

Zizobe indlela yakho yocombulula

$10 \div 2$	$20 \div 4$	$12 \div 3$
-------------	-------------	-------------

UKWAHLULA NGOKWABELANA

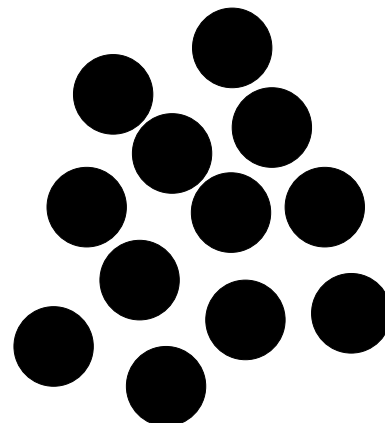
Nanga amchaphaza amayi 6
Kukho itshomi eziyi 2. Itshomi nganye ifumana ihafu yala macaphaza. Izakufumana ngaphi itshomi nganye?



Ngoku yahlula nge tshomi eziyi 3. Izakufumana ngaphi itshomi nganye?

Nanga amachaphaza ayi 12

Wahlule phakathi kwe tshomi eziyi 2. Izakufumana ngaphi itshomi nganye?

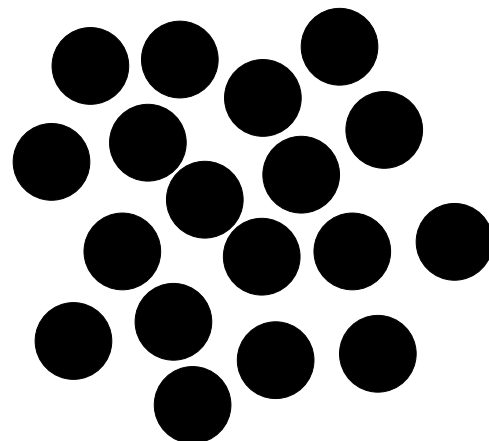


Ngoku yahlula phakathi kwe tshomi eziyi 3. Izakufumana ngaphi itshomi nganye?

Ngoku yahlula phakathi kwe tshomi eziyi 4. Izakufumana ngaphi itshomi nganye?

Mangaphi amachaphaza owabonayo?

Wahlule phakathi kwe tshomi eziyi 2. Izakufumana ngaphi itshomi nganye?



Ngoku yahlula phkathi kwe tshomi eziyi 4. Izakufumana ngaphi itshomi nganye?

Ngoku yahlula phkathi kwe tshomi eziyi 6. Izakufumana ngaphi itshomi nganye?

How many counters each?

Ngoku yabelana amachaphaza ayi 36 nee...

Tshomi eziyi 2

Umzekelo

Ubalo: **$36 \div 2$**

**Amachaphaza ayi
18 nganye**

Tshomi eziyi 3

Ubalo: ____ $\div$ ____

____ amachaphaza
ngaye

Tshomi eziyi 4

Sum: ____ $\div$ ____

____ amachaphaza
nganye

Tshomi eziyi 6

Sum: ____ $\div$ ____

____ amachaphaza
nganye

UKUHAFISHA

Hafisha lamanani ngoku kawleza.

Uqaphela ntoni nge mpendulo yakho?

6	3	8		50		100	
60		80		500		1000	
4		12		40	20	90	
40		120		500		900	
10		14		16		18	
100		140		160		180	
20		22		24		26	
200		220		240		260	

YAHLULA NGO 2

Yahlula lamanani ngo 2.

Uqaphela ntoni ngala manani nanga la uwahafishileyo?

6	3	8		50		100	
60		80		500		1000	
4		12		40	20	90	
40		120		500		900	
10		14		16		18	
100		140		160		180	
20		22		24		26	
200		220		240		260	

UKWABELANA (2)

Bonisa uzahlula njani ezizangqa ne zikwere

Umzekelo	Yahlula ngo 2 Zenza ngaphi? 16 ÷ 2 = 8	Yahlula ngo 7 Zenza ngaphi? _____ ÷ _____ = _____	Yahlula ngo 2 Zenza ngaphi? _____ ÷ _____ = _____
Yahlula ngo 2 Zenza ngaphi? _____ ÷ _____ = _____	Yahlula ngo 8 Zenza ngaphi? _____ ÷ _____ = _____	Yahlula ngo 12 Zenza ngaphi? _____ ÷ _____ = _____	
Yahlula ngo 4 Zenza ngaphi? Bhala ubalo	Yahlula ngo 3 Zenza ngaphi? Bhala ubalo		
Yahlula ngo 3 Zenza ngaphi? Bhala ubalo	Yahlula ngo 4 Zenza ngaphi? Bhala ubalo		

