

(25)

.1

.()

.2

(10)

()

(50)

.()

.1

.()

.2

.()

.3

.()

.4

.1 0

.5

.6

.7

9 6 3

.8

(8)

(15)

.1

.2

.3

.4

(4)

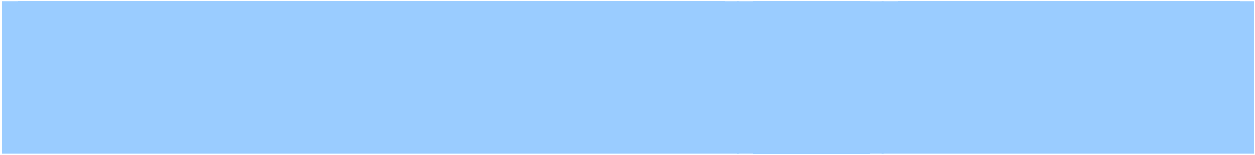
(11)

.1

.2

()

.3



.1

•

.

:

.

:

) .

.(

-

-

•

10

.1

:

.

.

.

:

$\frac{2}{3}$

.

.

10

$\frac{1}{5}$

.

$\frac{1}{5}$

.

.

.

6

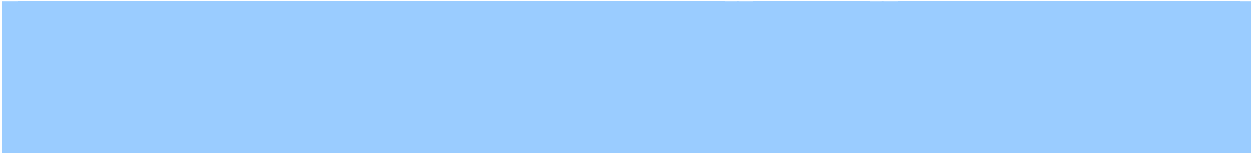
$\frac{1}{3}$

.

:

•

.



•

-

:

$$\frac{1}{2} = \frac{3}{6} = \frac{4}{8}$$

•

)

: (

$$\frac{3}{2} = 1\frac{1}{2}$$

•

1

1

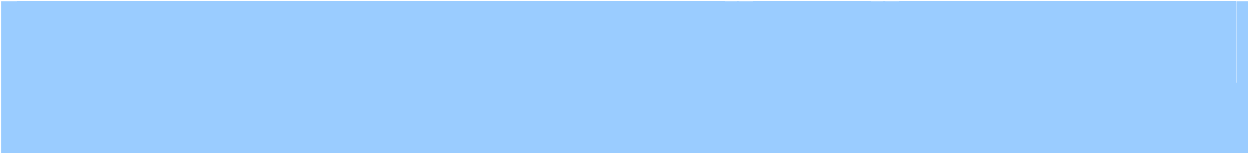
:

$$\frac{6}{8}, \frac{3}{4}, \frac{5}{5}, \frac{4}{10}, \frac{8}{8}, \frac{2}{5} :$$

:

-

$$\frac{0}{5} = 0 \quad \frac{0}{23} = 0 \quad \frac{12}{2} = 6 \quad \frac{6}{1} = 6$$



:

-

$$\frac{1}{7} \quad \frac{1}{9} \quad .$$

$$\frac{4}{5} \quad \frac{5}{6} \quad .$$

$$\frac{2}{3} \quad \frac{3}{8}$$

$$\frac{1}{4}, \frac{3}{5}, \frac{1}{3}, \frac{7}{8} \quad :$$

$$\frac{1}{2}$$

15

.2

()

:

-

$$1 - \frac{1}{3} = . \quad 2 + \frac{3}{4} = . \quad \frac{3}{5} + \frac{1}{5} = .$$

)" "

(

$$\square - \frac{1}{4} = \frac{3}{4} \quad \frac{1}{2} + \square = 1 .$$

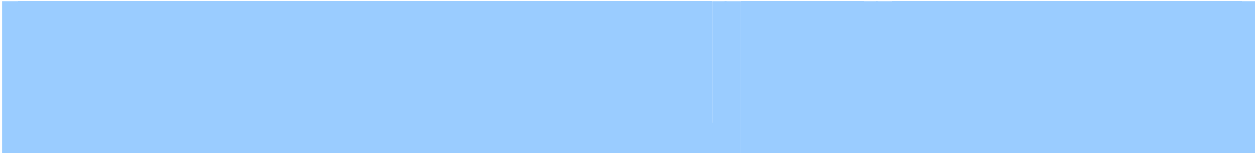
$$\frac{1}{2} + \frac{3}{4}$$

$$\cdot \frac{2}{4} \quad \frac{1}{2}$$

•

•

$$\frac{5}{6} \quad \frac{1}{3} :$$



$$\frac{2}{3} + \frac{1}{6} = :$$

:

-

$$3\frac{4}{5} - \frac{2}{5} =$$

" "

3

•

-

•

.3

•

:

$\frac{1}{2}$

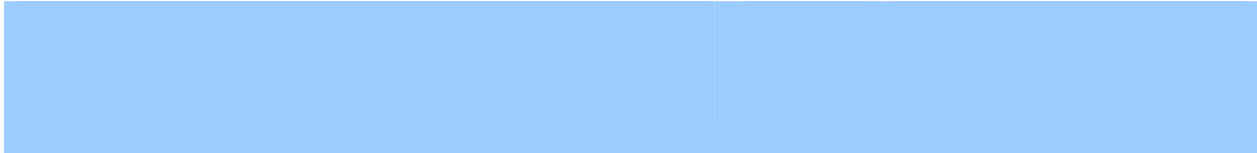
$\frac{1}{4}$

-

-

-

$\frac{1}{2}$



$\frac{1}{3}$

$\frac{1}{3}$ 30

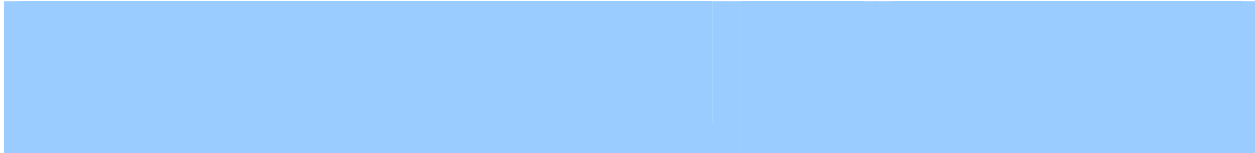
7

1257324 : 3
.1,257,324 :

.(11)

1

. 100



•

∴

.

.

.

.

• 3

-

•

()

•

• 2

.

.

.

• 6

)

.1

(

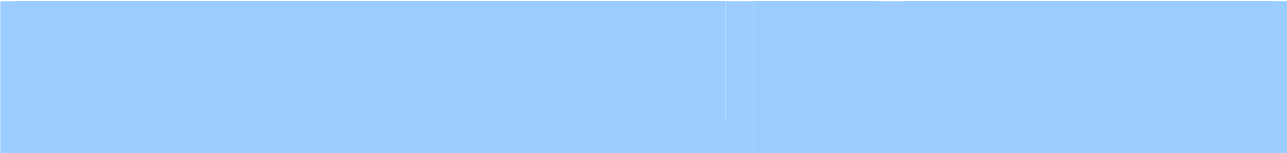
∴

433+1501

∴
433
1,501
5,831

1,200 + 314 = :

.2000



$$2,753 - 285 \quad \underline{\hspace{2cm}} \quad 2,753 - 392$$

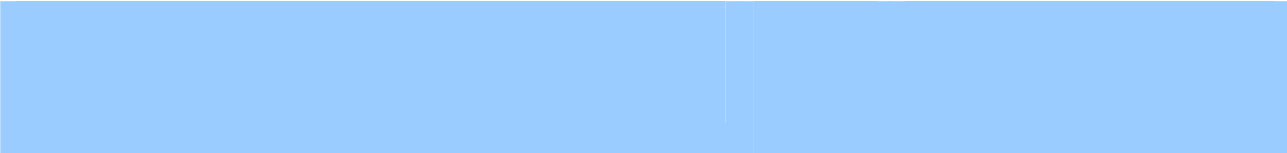
• 7) .2

(-

• -

$$27 \times 35 = 20 \times 35 + 7 \times 35 = 20 \times 35 + 7 \times 30 + 7 \times 5 = 700 + 210 + 35 = 945$$

$$\begin{array}{r}
 27 \\
 \times 35 \\
 \hline
 135 \\
 540 \\
 \hline
 945
 \end{array}$$



)
(

:

4

• 7

.3

:

81:3=

:

•

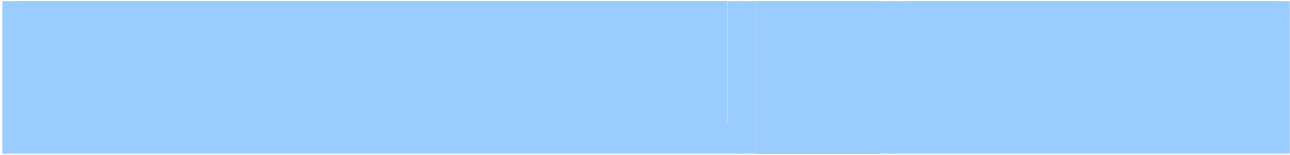
:

-

_ 524	:	4 =	
<u>200</u>			50
_ 324			
<u>260</u>			65
_ 64			
<u>44</u>			11
_ 20			
<u>20</u>			<u>5</u>
0			131

524:4

:



.524:4

-

524:4

:

•

("5 4 ") 1 4 5

4

:

.500

125

5 4 " :

424:5

5 4 :

"

4 5

4

•

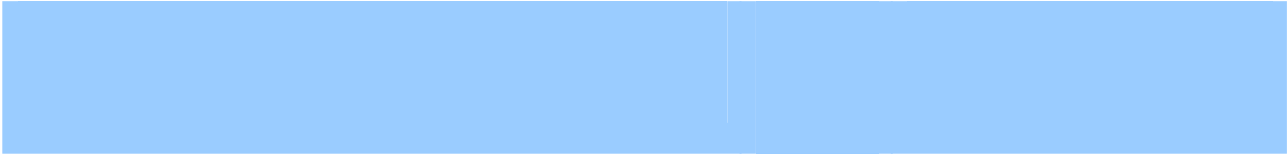
4

.4

•

:

.525x18 ≈ 500x20=10,000



. : •

1,000 35x42

35x42=70x21>70x20=1,400 :

30x40=1,200 :

.1,000

: •

. :

. :

:

37

98

:

4000

.(37x98 ≈ 40x100=4,000)

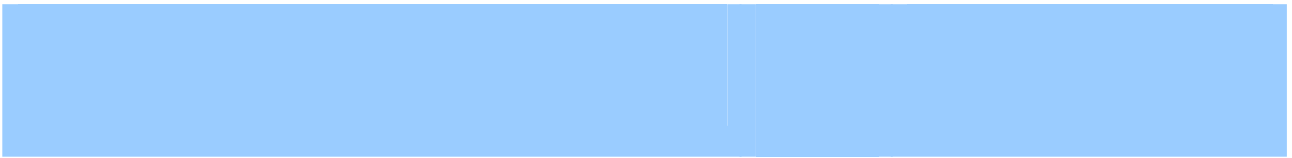
. :

.

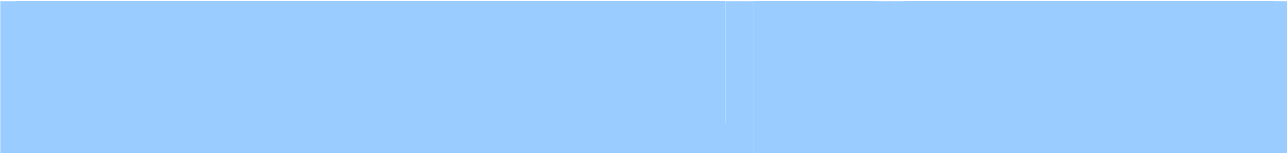
:

.126

18x47



.
.
:
() -
-
1 -
-
•
:
10,000
5 .()
.
•
.
:
." 4"
:
)
8 (



:
" "

4

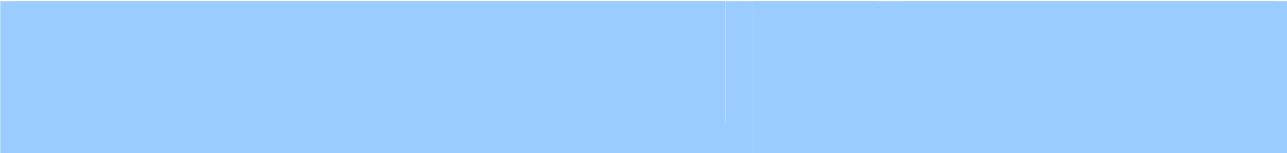
- 4

312	380	280	728	156
672	338	168	247	456
228	260	480	520	336
182	560	364	240	624
392	288	494	266	532

12 ,13 ,14 ,19 ,20 ,24 ,26 ,28

.81:5=

$$51:3=(21+30):3=7+10=17$$



: .

$$42+18=19+ \underline{\quad} -$$

$$14 \times 5 = 70 : -$$

$$14 \times 50 = \underline{\quad}$$

$$15+15+15+15=60 : -$$

$$60:15= \underline{\quad}$$

:

$$\begin{array}{r} 31 _ \\ + \\ \hline 758 \end{array}$$

:

:

:

$$\begin{array}{r} x \quad 31 \quad 29 \\ 8 \quad 248 \quad 232 \\ 9 \end{array}$$

$$496:16= , 464:8= , 232:8=$$

:
 -
 $.329 + 5,418 =$
 $5,418 + 329 =$
 $328 + 5,419 =$
 $392 + 5,481 =$

•

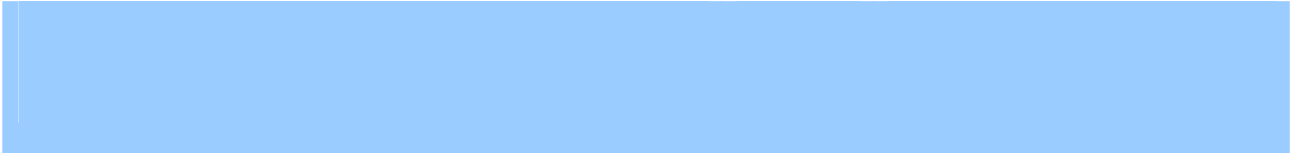
:

$235 + 387 =$
 $387 \times 235 =$
 $387 - 235 =$
 $387 - 236 =$

$.6 \quad 1$

$327:18 \quad 327:6$

$5,371-25-17 \quad 5,371-17-25$



4, 3, 2, 1

$$\underline{\quad} + \underline{\quad} \approx 300$$

:

$$\begin{aligned} \underline{\quad} - \underline{\quad} &\approx 300 \\ \underline{\quad} \times \underline{\quad} &\approx 300 \\ \underline{\quad} : \underline{\quad} &\approx 300 \end{aligned}$$

12

()

.5

15000

2500

" "

1700

843

129

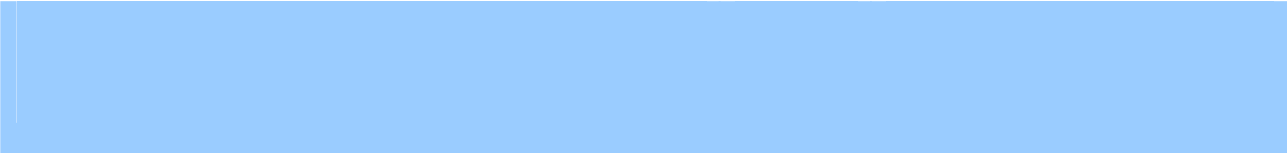
611

)

.(

$$\begin{aligned} a \pm b : c & \quad a \times b \times c \\ (a \pm b) \times c & \quad a \times b : c \\ (a \pm b) : c & \end{aligned}$$

.()



300

35

6

$(a-(b \times c))$

6

270

90

$((a-b):c)$

843

51

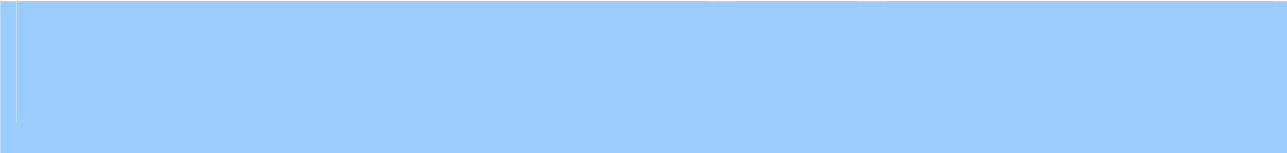
2

.6

47x5-63:3 =

5,200x100:10 =

7,225-(27+4,894) =



$$(3+7) \times 10 : 2 =$$

$$7 + 3 \times (10 : 2) =$$

$$(3+7) \times (10 : 2) =$$

$$3 + 7 \times 10 : 2 =$$

• 2 ()

0 1

•

•

:0

•

$$5-0=5 \quad 0+3=3 \quad a-0=a \quad a+0=a$$

0

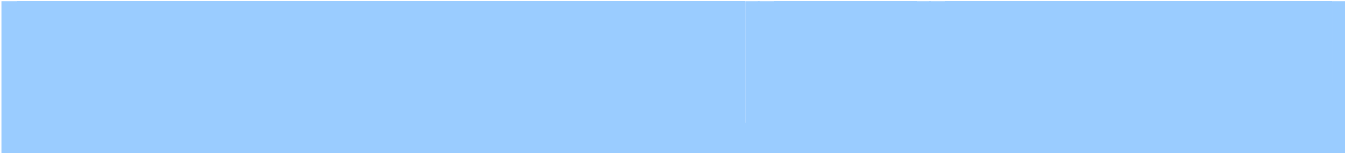
$$(6 \times 0 \times 3 \times 5 = 0 : \quad) \quad a \times 0 = 0$$

5:0

0

.5

0:0



$$a \neq 0 \quad 0:a=0:4=0$$

:1

1

1

$$1 \times 7 = 7 \times 1 = 7 \quad 1 \times a = a \times 1 = a \quad 7:1=7 \quad a:1=a$$

$$\frac{5}{5} = 1 \quad (a \neq 0) \frac{a}{a} = 1$$

$$5:5=1 \quad (a \neq 0) a:a=1$$

5

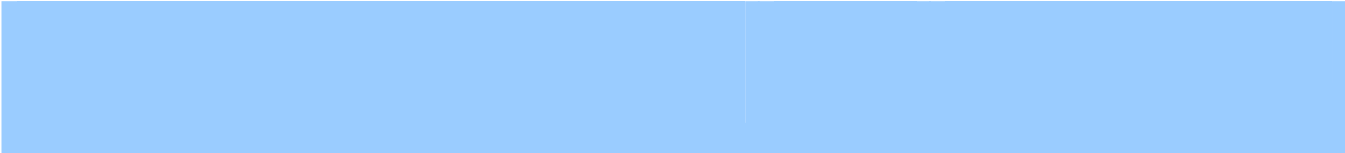
.7

:

:

()

1



100

•

•

.

:

12 = 3 x 2 x 2 12 = 2 x 3 x 2

101

:

101

:

) 9

.(101

•

3

.8

9

6

3

.

•

:

9

3

9

999 99 9

3

9 3

:

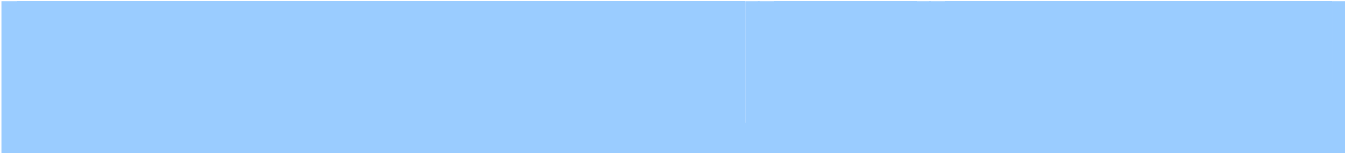
.

3

2

•

6



8 : 4 2 •

• 2 -

•

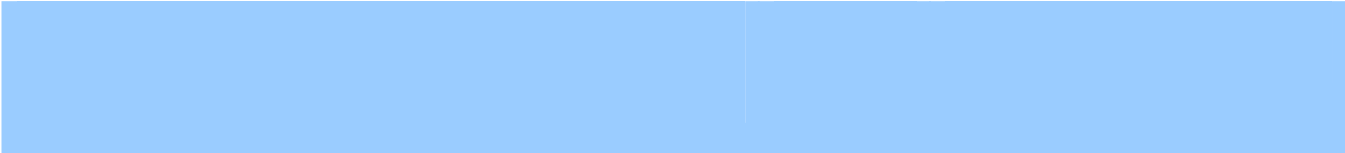
2⁵ ≠ 5² :
.1 •

• 4 -

•
:

) (

• ..



.

•

.

• 4

-

.

:

-

.

:

()

.

()

.

.

.

.

.

7 6

.

)

.(

•

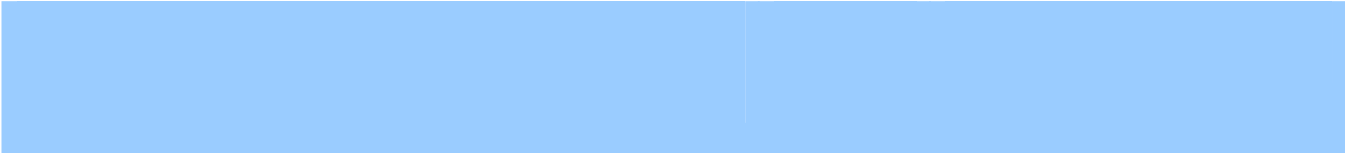
-

:

.

4

7



.)

• 3

.1

•

: •

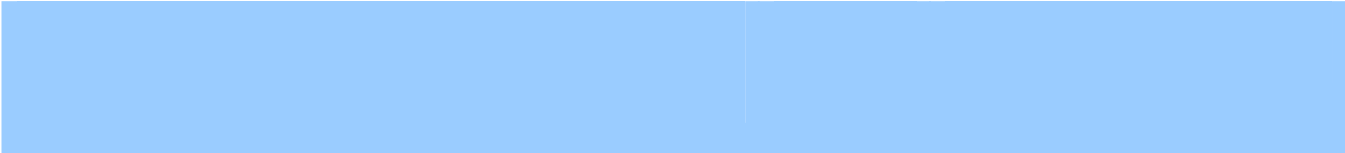
4

.2

:

•

•



: 2 .3

.
.

6 .4

() : • - ()

.
-

)

.(

:

,5x2 ,4x4 ,3x3 :

.2x3 ,5x4 ,3x5 ,3x7 ,7x2

-

.

-

.

.

•) -

(

:

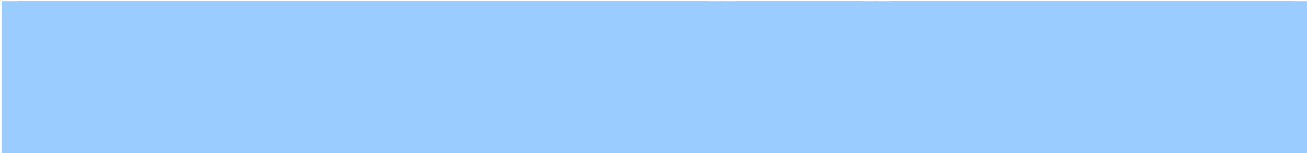
.

- ()

• -

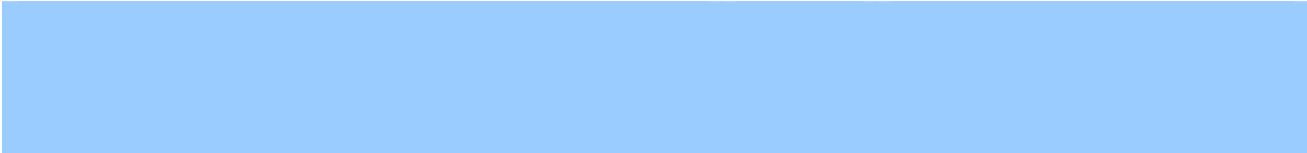
-

.



•
) (• 4
 () -
 .() -
 () -
 () -
 : •
 : • 5 .1
 -
 • -
 :

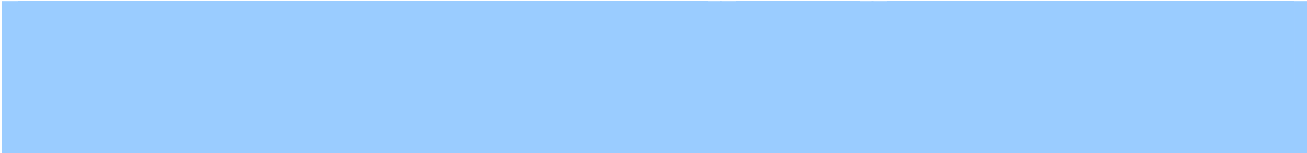
.4X5X3



\cdot
 $:$
 \cdot
 \cdot 4
 \cdot 1
 \cdot 2

\cdot \times \times $:$
 $:$
 \cdot 24
 $=$ $:$
 \cdot $(^3)$ $=$ $^3 =$ $(^3)$

\cdot
 \cdot
 \cdot
 $:$
 $:$
 8



4

"

"

•

•

-

•

2

()

.3

$\frac{1}{2}$.1 1 1 :
 $\frac{1}{2}$.() :

1000
 .() .
 .100

:
 :
 :
 () :
 () :

() ()

2 2 :

