

1(.1

(:) (:)

1(.2

»1«

3(.3

) () - (+

3(.4

:

:

4(.5

3(.6

2(.7

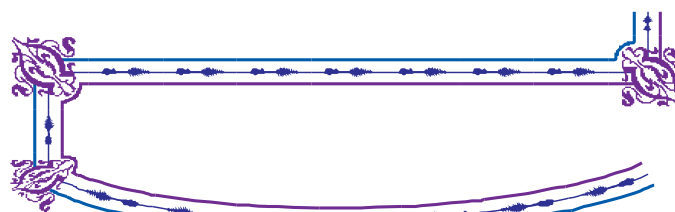
4 .8

(

)

3(.9

1(.11



4(.11

4

1

2

»

«

) (» « » « 3



.12)2(

)

-) ()

)

.) =()

» « » «)

.13)1(

] [

.14)4(

.15)2(

- - - -

.16)2(

- =

- - =

- =

.17)4(

) (/) =(

» «

.18)3(

:1

:2

) =(:4

» « » « » « :3

.19)1(

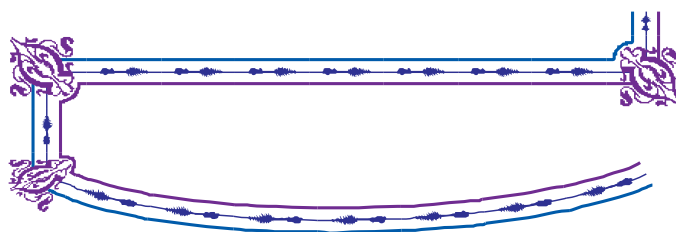
) (

)

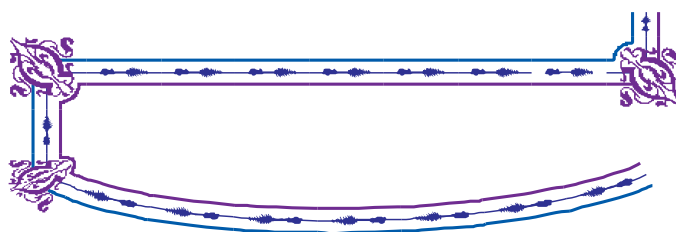
(. » «

) (. » «

.21)3(



- [illegible]



- | | | |
|---|-----|-----|
| . |)3(| .29 |
| . |)2(| .31 |
| . |)4(| .31 |
| . |)2(| .32 |



.33)3(

.34)1(

»1«

.35)3(

»1«

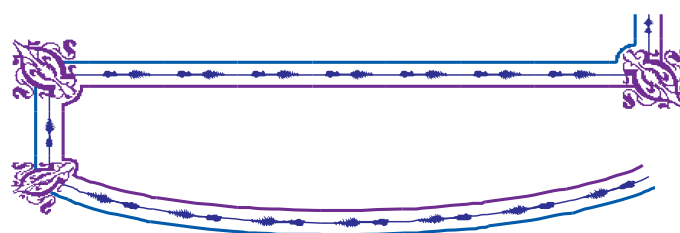
»2«

»4«

.36)1(

.37)4(

.38)3(



.39)2(

.41)3(

Book a hotel=

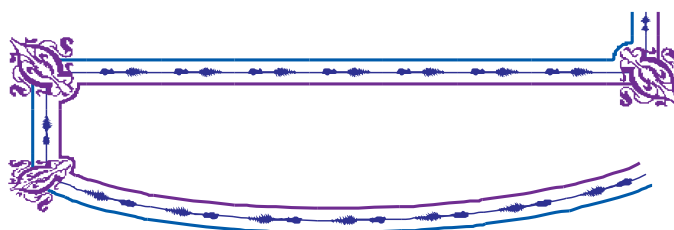
.41)3(

.42)4(

.43)3(

.44)2(

.45)2(



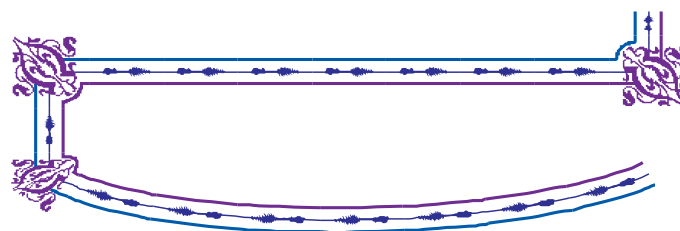
.46)3(

.47)1(

.48)3(

.49)4(

.51)4(



.51)3(



:1

:2

:4

.52)1(

.53)2(

)1(

.54)2(

.55)4(

.56)4(

.57)1(

X

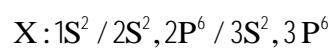


(

X

11

(6 3 18)



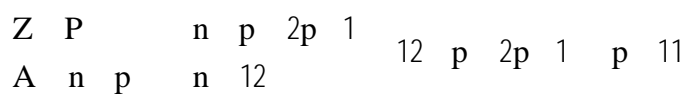
.58)1(

A

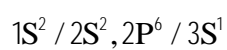
Z

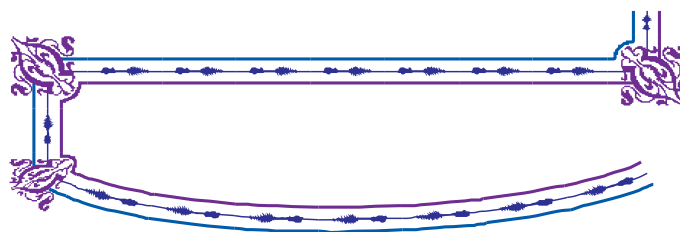
Z

A



11





.59 (2)

.61 (1)

.61 (4)

.62 (3) ¹¹¹

.63 (2)

$$\frac{1\text{km}}{\text{h}} \quad \frac{1\text{h}}{60\text{min}} \quad \frac{1}{60} \frac{\text{km}}{\text{min}}$$

$$: 2 \quad r \quad \frac{\frac{2}{2} r}{2} \quad r$$

$$\frac{\quad}{2} \quad \frac{\quad}{2}$$

.64 (2)

.65 (4)

$$: \frac{90\text{m}}{30\text{s}} \quad 3 \text{ m/s}$$

.66 (3)

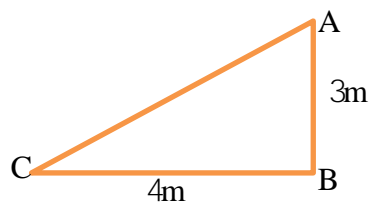
$$100 \frac{\text{km}}{\text{h}} \quad \frac{50\text{km}}{\text{t}} \quad \text{t} \quad \frac{50\text{km}}{100 \frac{\text{km}}{\text{h}}} \quad 0/5\text{h}$$

.67 (3)

.68 (3)

$$: \text{AB} \quad \text{BC} \quad 3\text{m} \quad 4\text{m} \quad 7\text{m}$$

$$= \text{AC} \quad \text{AC}^2 \quad \text{AB}^2 \quad \text{BC}^2 \quad 5$$





.69)4(

: 22

2 3 011

011

.71)2(

$$\frac{1}{3} \quad \frac{1}{3} \quad 01 \quad 21$$

$$4 \quad / \quad 4 \quad \frac{1}{111} \quad 4 \quad 3'0 \quad 14'4 \quad \frac{1}{3011}$$

.71)2(

A $2x|x$ 0,2,3 A 0,4,6

.72)1(

.73)1(

8 7

.74)3(

.75)4(

 $3k|k \quad N,1 \quad k \quad 33 :$

3 111

.76)2(

11 7

=B

A 8,9,10

A B

A 8 9 10 27

.77)1(

 $(x-y), (3x-3y) \quad 6$ $0 \quad 3x+3y \quad x-y$
 $x \quad y \quad 6$
 $3x \quad 3y \quad 6 \quad x \quad 4, y \quad 2$

.78)4(

:»1«

:»2«

:»3«

.79)4(

B A

.81)3(

: A

A 1,2

A 1,2,3

A 1,2,3,4



.81)2(

$$A \quad 2, 2, \quad , 2 \quad 2^x \quad 2^3 \quad 8$$

.82)4(

$$A \cup B \quad A, B$$

$$A \cup (A \cap B) \quad \cup$$

.83)4(

2

n

m

K

$$2^5 \quad 3 \quad 2^2 \quad 4 :$$

$$k - (m + n)$$

.84)4(

$$A \cup B$$

$$A : \rangle 1 \langle$$

$$A \cup B$$

$$A \cap B : \rangle 2 \langle$$

$$A \cap C : \rangle 3 \langle$$

.85)2(

$$C \quad B \quad A \quad A \cap B \cap C \quad C : \quad \mathbf{C, B, A}$$

.86)1(

$$n \quad 2 \quad 5 \quad n \quad 7 \quad 2^7 \quad 128$$

.87)4(

$$A$$

$$A$$

$$A$$

.88)4(

4

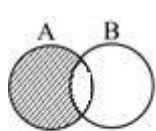
.89)3(

$$A \quad x \left| \frac{x}{2} \right. \quad Z \quad A \quad \dots, 4, 2, 0, 2, \dots$$

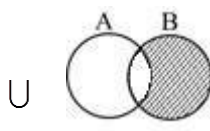
$$A \cap B$$

$$B \quad x \left| \frac{x}{2} \right. \quad Z \quad B \quad \dots, 3, 1, 1, 3, 5, \dots$$

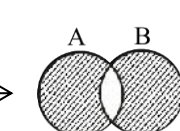
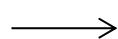
.91)2(



$$A - B$$



$$B - A$$



$$(A - B) \cup (B - A)$$

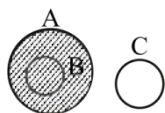
.91)4(

$$B \quad C \quad 3, 4$$

$$A \quad (B \quad C) \quad 1, 2, 5, 9$$



$$(A \cup B) \cap C$$

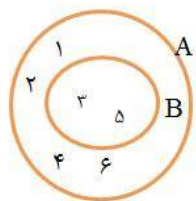


3(.92

4(.93

$$(A \cup B) \cap A \cup B \cap A, B$$

4(.94



$$A \cap B = \{1, 2, 4, 6\}$$

$$(A \cap B) \cup (B \cap A) = \{1, 2, 4, 6\}$$

$$(A \cap B) \cup (B \cap A) = (A \cup B) \cap (A \cap B) = \{1, 2, 4, 6\}$$

1(.95

$$A = \{x \mid x \in \mathbb{N}, x \in \{1, 2, 3, 4, 5\}\}$$

$$B = \{2, 3, 5, 7, \dots\}$$

$$A \cap B = \{2, 3, 5\}$$

4(.96

$$A \cap B = A \cup B \cap B$$

$$n(A \cup B) = n(B) = 8 \cdot 2^8 = 256$$

$$A \cap B = n(A \cup B) - n(A) - n(B) = 3 \cdot 8 - 11$$

$$2^{11} = 2048$$

3(.97

3(.98

$$M = \{1, 2, 3, 4, 5, 6\}$$

$$X$$

$$X = \{2, 3, 4\} \quad X = \{2, 3, 4\} \quad 2^3 = 8 \quad : X$$

4(.99

2(.111

$$n$$

$$n^2 = (1) \frac{(n-1)(n-2)}{2} \mid n \in \mathbb{N}$$

$$n = 1 \quad 1$$

$$n = 2 \quad 4 \quad A = \{1, 4, 9, 25, \dots\}$$

$$n = 3 \quad 9$$