

**Testare clasa a V-a**

**Barem de evaluare si notare**

1.  $56-56:[640:4 -19\cdot(245:5-246:6)]=49$

8 operatii x 2 p.....16 p ; finalizare..... 4 p

2.  $8=1\cdot1\cdot8 \Rightarrow 118,181,811.....5p$

$8=1\cdot2\cdot4 \Rightarrow 124,142,214,241,412,421.....10p$

$8=2\cdot2\cdot2 \Rightarrow 222.....2p$

Finalizare.....3p

3. Sol 1 1.....8

$$\begin{array}{r} \frac{b}{b} \dots\dots 7 \dots\dots \end{array}$$

2.....9  $2b+7=31$  (5p)

.....

b.....b+7 (5p)

$b=12$  (5p)

$f=19$  (5p)

Sol2 1.....8

2.....9

3.....10

.....

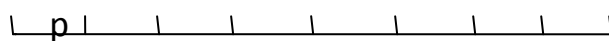
b.....b+7 (5p)

$$\begin{cases} b + 7 = f \\ b + f = 31 \end{cases} \quad (5p)$$

$b=12$  (5p)

$f=19$  (5p)

4. a)Sol1



$$6p+24p=8400 \dots\dots\dots 5p$$

$$30p=8400$$

$$3p=840$$

$$p=280 \dots\dots\dots 4p$$

$$l=840\text{cm} \text{ (2p)} \quad L=2240\text{cm} \text{ (2p)}$$

$$P=2\cdot(L+l)=2\cdot(2240+840)=6160\text{cm} \dots\dots\dots 2p$$

$$\text{Sol 2 } \frac{L}{8} = \frac{l}{3} \quad (3p)$$

$$3L=8l \quad (5p)$$

$$\begin{cases} 3L = 8l \\ 2l + 3L = 8400 \end{cases} \dots\dots\dots 3p$$

$$2l+8l=8400$$

$$10l=8400 \dots\dots\dots 3p$$

$$l=840\text{cm} \text{ (2p)} \quad L=2240\text{cm} \text{ (2p)}$$

$$P=2\cdot(L+l)=2\cdot(2240+840)=6160\text{cm} \dots\dots\dots 2p$$

$$\text{b) } 62m=6200\text{cm} > 6160\text{cm}$$

$$\text{transformare} \dots\dots\dots 6p$$

$$\text{finalizare} \dots\dots\dots 4p$$