

2 3 2 3 4 6 7 4  
010 011 010 011 100 110 111 111

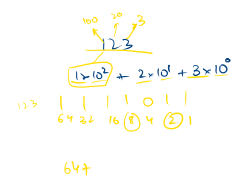
reduzieren  $4^1 6 \Rightarrow$

100
110
010

Multiset = ~~2~~ ~~3~~ ~~2~~ ~~3~~ ~~4~~ ~~6~~ ~~7~~ ~~4~~

mit einer  $4$

$[4, 6]$

[illegible]

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

101101

12 → 1100

(LSB)    (6?)

1 1 1 0 0 1  
2 0 0 1 0 0

Sum of the odd bits = 100

$$\& \quad | \quad ^\cdot \quad \Leftarrow \quad \Rightarrow$$

1100

$1010 \xrightarrow{2^3} 10$   

rot	$\downarrow$	5
10	$\downarrow$	2
1	$\downarrow$	1
0	$\downarrow$	0

 $25 \times 2^2 \Rightarrow 10$   
 $25$

$10^4 \approx 10^4$   
 0000 0000 0000 0000 0000 0000 0000 0000 1010  
 <<  
 $\frac{10^4}{2^4} = 10^4 \cdot 2^{-4}$   
 $\frac{01001}{64} = \frac{10000}{8}$   
 $10^4 \approx 10^4$   
 $10^4 \approx 10^4$   
 $10^4 \approx 10^4$

$$\begin{aligned} \text{R}_2 &= 0110026 \\ \text{R}_2 - \text{R}_1 &= 2 \\ \leftarrow x &\Rightarrow n = 2^x \\ &= 2^{(x-1)} \end{aligned}$$
$$\begin{aligned} \text{d) } R_2 &= 2 \\ &\Rightarrow n = 1 \end{aligned}$$

23

$\frac{1}{16} \quad \frac{0}{8} \quad \frac{1}{4} \quad \frac{1}{2} \quad \frac{1}{1}$

int = 32

$$\begin{array}{r} 1010 \rightarrow 10 \\ \underline{1100} \rightarrow 12 \\ 1000 \rightarrow 8 \end{array}$$

$$\begin{array}{r} 101011 \\ \underline{011010} \\ 010100 \end{array}$$

$$\begin{array}{r} 1010 \\ 1100 \\ \hline 1110 \end{array}$$

$$a + (b + c) = (a + b) + c$$

$$a \cdot (b \cdot c) = (a \cdot b) \cdot c$$

$$\begin{aligned} a + (b + c) &= (a + b) + c \\ a \cdot (b \cdot c) &= (a \cdot b) \cdot c \\ a^a(b^b)^c &= (a^a b^b)^c \end{aligned}$$

