

1.14

$$\begin{array}{r} \overset{1}{a)} \quad 24 \text{ sek} \\ \quad 24 \text{ sek} \\ \hline \quad 52 \text{ sek} \\ \hline \end{array}$$

$$\begin{array}{r} b) \quad 2 \text{ kre} \\ \quad 12 \text{ kre} \\ \hline \quad 21 \text{ kre} \\ \hline \end{array}$$

$$\begin{array}{r} g) \quad \overset{1}{9} \overset{1}{E} \overset{1}{3} \overset{1}{F} \text{ her} \\ \quad 84 \overset{1}{D} \overset{1}{7} \text{ her} \\ \hline \quad 12316 \\ \hline \end{array}$$

hladd

$$4+4 = 12$$

d)

$$\begin{array}{r} \quad \quad \quad 1111 \\ \quad \quad 11101 \text{ h} \\ \quad 10111 \text{ w} \\ \hline 110100 \text{ w} \\ \hline \end{array}$$

hladd

$$\begin{aligned} F+7 &= 22 \\ D+4 &= 17 \Rightarrow 11 \\ E+5 &= 14+5 = 19 = 13 \\ 18 &= 12 \end{aligned}$$

sep. 7-12.29

1.15

$$\begin{array}{r} a) \quad \overset{10}{354} \text{ sek} \\ \quad - \overset{10}{245} \text{ sek} \\ \hline \quad \overset{10}{105} \text{ sek} \\ \hline \end{array}$$

$$\begin{array}{r} \quad \quad \quad 6 \\ \quad \quad \quad 354 \\ \quad - \quad 245 \\ \hline \quad \quad \quad 105 \\ \hline \end{array}$$

hladd

$$\begin{aligned} 6+4 &= 10 \\ 10-5 &= 5 \\ 6-5 &= 1 \\ 1+4 &= 5 \end{aligned}$$

$$\begin{array}{r} b) \quad \overset{10}{80} \overset{10}{73} \text{ sju} \\ \quad - \overset{10}{15} \overset{10}{26} \text{ sju} \\ \hline \quad \quad \quad 1154 \\ \hline \end{array}$$

$$\begin{aligned} 7+3 &= 10 \\ 10-6 &= 4 \end{aligned}$$

$$\begin{array}{r} c) \quad \overset{10}{10} \overset{10}{10} \overset{10}{10} \text{ to} \\ \quad \quad \quad 1011 \text{ to} \\ \hline \quad \quad \quad 1011 \text{ to} \\ \hline \end{array}$$

sep. 7-12.43

$$\begin{array}{r} \text{a) } \overset{10}{6} \overset{10}{A} \overset{10}{0} \overset{10}{B} \overset{10}{5} \text{ wlu} \\ - \quad 2 \quad B \quad 3 \quad B \quad 7 \text{ wlu} \\ \hline \underline{\underline{3 \quad A \quad 8 \quad B \quad A}} \text{ wlu} \end{array}$$

$$\begin{array}{r} \text{b) } \overset{10}{4} \overset{10}{0} \overset{10}{0} \overset{10}{0} \overset{10}{3} \text{ km} \\ - \quad 2 \quad 3 \quad 4 \quad 3 \quad 4 \text{ km} \\ \hline \underline{\underline{1 \quad 1 \quad 0 \quad 1 \quad 4}} \text{ km} \end{array}$$

$$\begin{array}{r} 12 + 5 = 17 \\ 17 - 7 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 + 10 = 22 \\ 22 - 11 = 11 = 13 \\ \hline \end{array}$$

$$\begin{array}{r} 11 - 3 = 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 + 9 = 21 \\ \hline \end{array}$$

$$\begin{array}{r} 21 - 11 = 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 + 3 = 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 - 4 = 4 \\ \hline \end{array}$$

sep. 7-12.52

$$6x - 3 = x + 7$$

$$6x - x = 7 + 3$$

$$\frac{5x}{5} = \frac{10}{5}$$

$$\underline{\underline{x = 2}}$$

9 aw 10

sep. 7-12.48

1.16

a)
$$\begin{array}{r} 423 \text{ syv} \\ + 515 \text{ syv} \\ \hline 1241 \end{array}$$

b)
$$\begin{array}{r} 1010 \\ 504 \\ -265 \\ \hline 228 \end{array}$$

ni kullsystem

$9+4=13$
 $13-5=8$
 $8-6=2$

sep. 7-12.57

1.25 a)

$$\begin{array}{r} 42 \text{ km} \cdot 3 \text{ km} \\ \hline 231 \text{ km} \end{array}$$

Rekt.

sjekke $22 \cdot 3 = 66$

$231 \text{ km} = 2 \cdot 5^2 + 3 \cdot 5 + 1 = 50 + 15 + 1 = 66$

b)
$$\begin{array}{r} 24 \text{ km} \cdot 32 \text{ km} \\ \hline 233 \\ 114 \\ \hline 1423 \text{ km} \end{array}$$

Res n i
km kull

kladd

$4 \cdot 2 = 8 = 13 \text{ km}$
 $4 \cdot 3 = 12 = 22 \text{ km}$
 $2 \cdot 5 = 6 = 11 \text{ km}$

sep. 7-13.02

c)

$$\begin{array}{r} 37 \text{ älle} - 23 \text{ älle} \\ \hline 205 \\ 71 \\ \hline 1115 \text{ älle} \end{array}$$

$$\begin{aligned} 7 \cdot 3 &= 21 = 25 \text{ älle} \\ 7 \cdot 2 &= 14 = 16 \text{ älle} \\ 16 + 2 &= 20 \text{ älle} \\ 7 \cdot 2 + 2 &= 16 = 20 \text{ älle} \\ 3 \cdot 3 \cdot 5 &= 45 \end{aligned}$$

$$\begin{array}{r} 254 \text{ sjö} - 46 \text{ sjö} \\ \hline 2253 \\ 1412 \\ \hline \underline{\underline{16403}} \text{ sjö} \end{array}$$

$$\begin{aligned} 4 \cdot 6 &= 24 = 33 \text{ sjö} \\ 6 \cdot 5 + 3 &= 33 = 45 \text{ sjö} \\ 2 \cdot 6 + 4 &= 16 = 22 \text{ sjö} \\ 4 \cdot 4 &= 16 = 22 \text{ sjö} \\ 4 \cdot 5 + 2 &= 22 = 31 \\ 2 \cdot 4 + 3 &= 11 = 14 \end{aligned}$$

sep. 7-13.08

$$\begin{array}{r} 2548 : 7 = 364 \\ 21 \\ \hline 44 \\ 42 \\ \hline 28 \\ 28 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 364 \\ 7 \overline{) 2548} \\ \underline{21} \\ 44 \\ \underline{42} \\ 28 \\ \underline{28} \\ 0 \end{array}$$

Delekrappe

sep. 7-13.23

1.26 c)

$$26 \text{ älle} : 2 \text{ älle} = 13 \text{ älle}$$

$$\begin{array}{r} 2 \\ \hline 6 \\ 6 \\ \hline 0 \end{array}$$

$$c) 403 \text{ sehs} : 11 \text{ sehs} = 33$$

$$\begin{array}{r} 33 \\ \hline 33 \\ \hline 33 \\ \hline 33 \\ \hline 0 \end{array}$$

Ladd

$$40 \text{ sehs} = 24$$

$$11 \text{ sehs} = 7$$

$$3 \cdot 11 \text{ sehs} = 33$$

sep. 7-13.32

$$c) 3131 \text{ fire} : 101 \text{ fire} = \underline{\underline{31}} \text{ fire}$$

$$\begin{array}{r} 303 \\ \hline 101 \\ 101 \\ \hline 0 \end{array}$$

$$d) 2121 : 112 \text{ tre} = \underline{\underline{12}} \text{ tre}$$

$$\begin{array}{r} 112 \\ \hline 1001 \\ 1001 \\ \hline 0 \end{array}$$

$$313 \text{ fire} = 55$$

$$101 \text{ fire} = 17$$

$$\frac{55}{17} = 3,24$$

$$\frac{112 \cdot 2}{1001}$$

sep. 7-13.35

$$1444 \text{ alle} : 6 \text{ alle} = \underline{\underline{206}} \text{ alle}$$

$$\begin{array}{r} 14 \\ \hline 04 \\ \cdot 0 \\ \hline 44 \\ 44 \\ \hline 0 \end{array}$$

$$1771 \text{ alle} : 7 \text{ alle} = 221, 222, \dots$$

$$\begin{array}{r} 16 \\ \hline 17 \\ \hline 16 \\ 11 \\ 7 \\ \hline 20 \\ 16 \\ \hline 20 \end{array}$$

$$14 \text{ alle} = 12$$

$$12 : 6 = 2$$

$$44 \text{ alle} = 32 + 4 = 36$$

$$36 : 6 = 6$$

$$17 \text{ alle} = 15$$

$$15 : 7 = 2, \dots$$

$$2 \cdot 7 = 16$$

$$11 \text{ alle} = 9$$

$$20 \text{ alle} = 16$$

$$16 : 7$$

sep. 7-13.41