Datum: 12.06.2023

Tägliche Übungen

a)	Berechne die Variable $-13-1\cdot a+4+6\cdot a=11$	b)	Berechne die Variable $2 \cdot b + 3 + 6 \cdot b - 18 = 49$
c)	Berechne die Variable $-4+6\cdot y+1\cdot y-6=32$	d)	Berechne die Variable $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$
e)	Berechne die Variable $-4-1+16\cdot y-7\cdot y=58$	f)	Berechne die Variable $3 \cdot y - 1 \cdot y + 1 - 8 = 15$

Lösungen Tägliche Übungen

$ \begin{array}{c} -13-1\cdot a+4+6\cdot a=11\\ 5\cdot a-9=11 & +9\\ 15\cdot a=20 & :(5)\\ a=4 \\ \hline \\ Probe: & -13-1\cdot a+4+6\cdot a=11\\ -13-1\cdot (4)+4+6\cdot (4)=11\\ -13-4+4+2i=11\\ 11=11 \\ \hline \\ 11=11 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$-13 - 1 \cdot a + 4 + 6 \cdot a = 11$
$\begin{array}{c} 5 \cdot a = 20 & \vdots (5) \\ a = 4 & \\ \end{array}$ Probe: $-13 - 1 \cdot a + 4 + 6 \cdot a = 11 \\ -13 - 1 \cdot (4) + 4 + 6 \cdot (4) = 11 \\ -13 - 4 + 4 + 24 = 11 \\ 11 = 11 & \\ \end{array}$ $11 = 11 \\ 11 = 11 \\ \end{array}$ $\begin{array}{c} 2 \cdot b + 3 + 6 \cdot b - 18 = 49 \\ 8 \cdot b - 15 = 49 & + 15 \\ 8 \cdot b = 64 & \vdots (8) \\ \hline b = 8 \\ \end{array}$ Probe: $2 \cdot b + 3 + 6 \cdot b - 18 = 49 \\ 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49 \\ \end{array}$ b) $\begin{array}{c} -4 + 6 \cdot y + 1 \cdot y - 6 = 32 \\ 7 \cdot y - 10 = 32 & + 10 \\ 7 \cdot y = 42 & \cdot (7) \\ y = 6 \\ \end{array}$ Probe: $-4 + 6 \cdot y + 1 \cdot y - 6 = 32 \\ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 \\ -4 + 36 + 6 - 6 = 32 \\ 32 = 32 \\ \end{array}$ c) $\begin{array}{c} -10 + 6 \cdot b - 2 \cdot b - 6 = 32 \\ 4 \cdot b - 16 = 32 \\ 4 \cdot b - 16 = 32 \\ -10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 72 - 24 - 6 = 32 \\ -10 + 72 - 24 - 6 = 32 \\ 32 = 32 \\ \end{array}$		
a) $a = 4$ Probe: $-13 - 1 \cdot a + 4 + 6 \cdot a = 11$ $-13 - 1 \cdot (4) + 4 + 6 \cdot (4) = 11$ $-13 - 4 + 4 + 24 = 11$ $11 = 1$		
Probe: $-13 - 1 \cdot a + 4 + 6 \cdot a = 11$ $-13 - 1 \cdot (4) + 4 + 6 \cdot (4) = 11$ $-13 - 4 + 4 + 24 = 11$ $11 = 11$ $11 = 11$ $11 = 11$ $8 \cdot b - 15 = 49 +15$ $8 \cdot b = 64 !(8)$ $b = 8$ Probe: $2 \cdot b + 3 + 6 \cdot b - 18 = 49$ $2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49$ $2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49$ $16 + 3 + 48 - 18 = 49$ $49 = 49$ b) $-4 + 6 \cdot y + 1 \cdot y - 6 = 32$ $7 \cdot y - 10 = 32 +10$ $7 \cdot y = 42 :(7)$ $y = 6$ Probe: $-4 + 6 \cdot y + 1 \cdot y - 6 = 32$ $-4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32$ $-4 + 36 + 6 - 6 = 32$ $-4 + 36 + 6 - 6 = 32$ $32 = 32$ c) $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $-10 + 72 - 24 - 6 = 32$		
a) $ \begin{array}{c} -13-1\cdot (4)+4+6\cdot (4)=11\\ -13-4+4+24=11\\ 11=11\\ 11=11\\ \end{array} $ $ \begin{array}{c} 2\cdot b+3+6\cdot b-18=49\\ 8\cdot b-15=49\\ 8\cdot b-15=49\\ \end{array} \begin{array}{c} +15\\ 8\cdot b-64\\ (8)\\ b=8\\ \end{array} \end{array} $ $ \begin{array}{c} -2\cdot b+3+6\cdot b-18=49\\ 8\cdot b-18=49\\ 2\cdot (8)+3+6\cdot (8)-18=49\\ 16+3+48-18=49\\ 49=49\\ \end{array} $ b) $ \begin{array}{c} -4+6\cdot y+1\cdot y-6=32\\ 7\cdot y-10=32\\ 49=49\\ \end{array} \begin{array}{c} +10\\ 7\cdot y=42\\ \end{array} \begin{array}{c} +10\\ 7\cdot y=6\\ \end{array} $ $ \begin{array}{c} -4+6\cdot y+1\cdot y-6=32\\ 32=32\\ \end{array} \begin{array}{c} -4+6\cdot (6)+1\cdot (6)-6=32\\ -4+6\cdot (6)+1\cdot (6)-6=32\\ -4+36+6-6=32\\ 32=32\\ \end{array} \begin{array}{c} -4+36+6-6=32\\ 4\cdot b-16=32\\ 1+16\\ 4\cdot b=48\\ \end{array} \begin{array}{c} +16\\ 4\cdot b=48\\ 1: (4)\\ b=12\\ \end{array} $ $ \begin{array}{c} -10+6\cdot (12)-2\cdot (12)-6=32\\ -10+6\cdot (12)-2\cdot (12)-6=32\\ -10+72-24-6$		a=4
a) $ \begin{array}{c} -13-1\cdot (4)+4+6\cdot (4)=11\\ -13-4+4+24=11\\ 11=11\\ 11=11\\ \end{array} $ $ \begin{array}{c} 2\cdot b+3+6\cdot b-18=49\\ 8\cdot b-15=49\\ 8\cdot b-15=49\\ \end{array} \begin{array}{c} +15\\ 8\cdot b-64\\ (8)\\ b=8\\ \end{array} \end{array} $ $ \begin{array}{c} -2\cdot b+3+6\cdot b-18=49\\ 8\cdot b-18=49\\ 2\cdot (8)+3+6\cdot (8)-18=49\\ 16+3+48-18=49\\ 49=49\\ \end{array} $ b) $ \begin{array}{c} -4+6\cdot y+1\cdot y-6=32\\ 7\cdot y-10=32\\ 49=49\\ \end{array} \begin{array}{c} +10\\ 7\cdot y=42\\ \end{array} \begin{array}{c} +10\\ 7\cdot y=6\\ \end{array} $ $ \begin{array}{c} -4+6\cdot y+1\cdot y-6=32\\ 32=32\\ \end{array} \begin{array}{c} -4+6\cdot (6)+1\cdot (6)-6=32\\ -4+6\cdot (6)+1\cdot (6)-6=32\\ -4+36+6-6=32\\ 32=32\\ \end{array} \begin{array}{c} -4+36+6-6=32\\ 4\cdot b-16=32\\ 1+16\\ 4\cdot b=48\\ \end{array} \begin{array}{c} +16\\ 4\cdot b=48\\ 1: (4)\\ b=12\\ \end{array} $ $ \begin{array}{c} -10+6\cdot (12)-2\cdot (12)-6=32\\ -10+6\cdot (12)-2\cdot (12)-6=32\\ -10+72-24-6$		
a) $ \begin{array}{c} -13 - 4 + 4 + 24 = 11 \\ 11 = 11 \\ 11 = 11 \\ \end{array} $ $ \begin{array}{c} 2 \cdot b + 3 + 6 \cdot b - 18 = 49 \\ 8 \cdot b - 15 = 49 \\ 8 \cdot b = 64 \\ \end{array} \begin{array}{c} + 15 \\ 8 \cdot b = 64 \\ \end{array} \begin{array}{c} + 15 \\ 8 \cdot b = 64 \\ \end{array} \begin{array}{c} + 15 \\ 8 \cdot b = 8 \\ \end{array} \end{array} $ $ \begin{array}{c} 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49 \\ \end{array} \begin{array}{c} + 10 \\ 7 \cdot y = 10 = 32 \\ \hline 7 \cdot y - 10 = 32 \\ \hline 49 = 49 \\ \end{array} \begin{array}{c} + 10 \\ \hline 7 \cdot y = 42 \\ \hline 2 \cdot (7) \\ \hline 9 = 6 \\ \end{array} $ $ \begin{array}{c} + 10 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 \\ \hline -4 + 36 + 6 - 6 = 32 \\ \hline -4 + 36 + 6 - 6 = 32 \\ \hline 32 = 32 \\ \end{array} \begin{array}{c} + 16 \\ \hline 4 \cdot b = 48 \\ \hline \end{array} \begin{array}{c} + 16 \\ \hline 4 \cdot b = 48 \\ \hline \end{array} \begin{array}{c} + 16 \\ \hline $		
a) $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$-13 - 1 \cdot (4) + 4 + 6 \cdot (4) = 11$
a) $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		-13 - 4 + 4 + 24 = 11
a) $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	۵)	
$8 \cdot b - 15 = 49 + 15 \\ 8 \cdot b = 64 : (8) \\ b = 8$ $Probe: 2 \cdot b + 3 + 6 \cdot (8) - 18 = 49 \\ 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49$ $b) \qquad $	a)	
$8 \cdot b - 15 = 49 + 15 \\ 8 \cdot b = 64 : (8) \\ b = 8$ $Probe: 2 \cdot b + 3 + 6 \cdot (8) - 18 = 49 \\ 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49$ $b) \qquad $		
b) $ \begin{array}{ c c c c c c }\hline & & & & & & & & & & & & & & & & & & &$		
b) B = 8 Probe: $2 \cdot b + 3 + 6 \cdot b - 18 = 49$ $2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49$ $16 + 3 + 48 - 18 = 49$ $49 = 49$ b) $-4 + 6 \cdot y + 1 \cdot y - 6 = 32$ $7 \cdot y - 10 = 32 +10$ $7 \cdot y = 42 : (7)$ $y = 6$ Probe: $-4 + 6 \cdot y + 1 \cdot y - 6 = 32$ $-4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32$ $-4 + 36 + 6 - 6 = 32$ $32 = 32$ c) $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$ $4 \cdot b - 16 = 32 +16$ $4 \cdot b = 48 : (4)$ $b = 12$ Probe: $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $32 = 32$		
Probe: $2 \cdot b + 3 + 6 \cdot b - 18 = 49$ $2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49$ $16 + 3 + 48 - 18 = 49$ $49 = 49$		$8 \cdot b = 64 \mid \mid : (8)$
b) $ \begin{array}{c} 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot y + 1 \cdot y - 6 = 32 \\ 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 6 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot (9 + 1) \cdot (9 - 6 = 32 \\ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 \\ -4 + 36 + 6 - 6 = 32 \\ 32 = 32 \\ \end{array} $ $ \begin{array}{c} -10 + 6 \cdot b - 2 \cdot b - 6 = 32 \\ 4 \cdot b - 16 = 32 \\ 1 \cdot 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 72 - 24 - 6 = 32 \\ 32 = 32 \\ \end{array} $		b=8
b) $ \begin{array}{c} 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot y + 1 \cdot y - 6 = 32 \\ 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 6 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot (9 + 1) \cdot (9 - 6 = 32 \\ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 \\ -4 + 36 + 6 - 6 = 32 \\ 32 = 32 \\ \end{array} $ $ \begin{array}{c} -10 + 6 \cdot b - 2 \cdot b - 6 = 32 \\ 4 \cdot b - 16 = 32 \\ 1 \cdot 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 72 - 24 - 6 = 32 \\ 32 = 32 \\ \end{array} $		
b) $ \begin{array}{c} 2 \cdot (8) + 3 + 6 \cdot (8) - 18 = 49 \\ 16 + 3 + 48 - 18 = 49 \\ 49 = 49 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot y + 1 \cdot y - 6 = 32 \\ 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y - 10 = 32 \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 42 \\ 1 \cdot (7) \\ 1 \cdot 7 \cdot y = 6 \\ \end{array} $ $ \begin{array}{c} -4 + 6 \cdot (9 + 1) \cdot (9 - 6 = 32 \\ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 \\ -4 + 36 + 6 - 6 = 32 \\ 32 = 32 \\ \end{array} $ $ \begin{array}{c} -10 + 6 \cdot b - 2 \cdot b - 6 = 32 \\ 4 \cdot b - 16 = 32 \\ 1 \cdot 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32 \\ -10 + 72 - 24 - 6 = 32 \\ 32 = 32 \\ \end{array} $		Probe: $2 \cdot h + 3 + 6 \cdot h - 18 = 49$
b) $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
b) $ 49 = 49 $ $ -4 + 6 \cdot y + 1 \cdot y - 6 = 32 $ $ 7 \cdot y - 10 = 32 $		
b) $ -4+6 \cdot y+1 \cdot y-6=32 $		
$-4+6\cdot y+1\cdot y-6=32 \\ 7\cdot y-10=32 \\ +10 \\ 7\cdot y=42 \\ :(7) \\ y=6 $ $Probe: -4+6\cdot y+1\cdot y-6=32 \\ -4+6\cdot (6)+1\cdot (6)-6=32 \\ -4+36+6-6=32 \\ 32=32$ $c)$ $-10+6\cdot b-2\cdot b-6=32 \\ 4\cdot b-16=32 \\ +16 \\ 4\cdot b=48 \\ :(4) \\ b=12$ $Probe: -10+6\cdot b-2\cdot b-6=32 \\ -10+6\cdot (12)-2\cdot (12)-6=32 \\ -10+72-24-6=32 \\ 32=32$		49 = 49
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	b)	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$-4+6\cdot y+1\cdot y-6=32$
Probe: $-4+6 \cdot y + 1 \cdot y - 6 = 32$ $-4+6 \cdot (6) + 1 \cdot (6) - 6 = 32$ $-4+36+6-6=32$ $32=32$ c) $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $4 \cdot b - 16 = 32 \mid +16$ $4 \cdot b = 48 \mid : (4)$ $b = 12$ Probe: $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $-10+6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10+72 - 24 - 6 = 32$ $32 = 32$		
Probe: $-4+6\cdot y+1\cdot y-6=32$ $-4+6\cdot (6)+1\cdot (6)-6=32$ -4+36+6-6=32 32=32 c) $-10+6\cdot b-2\cdot b-6=32$ $4\cdot b-16=32$ +16 $4\cdot b=48$: (4) $b=12$ Probe: $-10+6\cdot b-2\cdot b-6=32$ $-10+6\cdot (12)-2\cdot (12)-6=32$ -10+72-24-6=32 32=32		
Probe: $-4+6 \cdot y + 1 \cdot y - 6 = 32$ $-4+6 \cdot (6) + 1 \cdot (6) - 6 = 32$ -4+36+6-6=32 32 = 32 32 = 32 c) $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $4 \cdot b - 16 = 32$ +16 $4 \cdot b = 48$: (4) b = 12 Probe: $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $-10+6 \cdot (12) - 2 \cdot (12) - 6 = 32$ -10+72-24-6=32 32 = 32		
c) $ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 $ $-4 + 36 + 6 - 6 = 32 $ $32 = 32 $ $4 \cdot b - 16 = 32 $		y = 6
c) $ -4 + 6 \cdot (6) + 1 \cdot (6) - 6 = 32 $ $-4 + 36 + 6 - 6 = 32 $ $32 = 32 $ $4 \cdot b - 16 = 32 $		
c) $ -4 + 36 + 6 - 6 = 32 $ $ 32 = 32 $ $ -10 + 6 \cdot b - 2 \cdot b - 6 = 32 $ $ 4 \cdot b - 16 = 32 $		Probe: $-4 + 6 \cdot y + 1 \cdot y - 6 = 32$
c) $ -4 + 36 + 6 - 6 = 32 $ $ 32 = 32 $ $ -10 + 6 \cdot b - 2 \cdot b - 6 = 32 $ $ 4 \cdot b - 16 = 32 $		$-4+6\cdot(6)+1\cdot(6)-6=32$
c)		
c) $ -10 + 6 \cdot b - 2 \cdot b - 6 = 32 $ $ 4 \cdot b - 16 = 32 $		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	6)	
Probe: $-10+6 \cdot b-2 \cdot b-6=32$ $-10+6 \cdot (12)-2 \cdot (12)-6=32$ $-10+72-24-6=32$ $-10+72-24-6=32$	c)	
Probe: $-10+6 \cdot b-2 \cdot b-6=32$ $-10+6 \cdot (12)-2 \cdot (12)-6=32$ $-10+72-24-6=32$ $-10+72-24-6=32$		
Probe: $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ -10 + 72 - 24 - 6 = 32 32 = 32		
Probe: $-10 + 6 \cdot b - 2 \cdot b - 6 = 32$ $-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ -10 + 72 - 24 - 6 = 32 32 = 32		$ 4 \cdot b - 16 = 32 \cdot +16 $
Probe: $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $-10+6 \cdot (12) - 2 \cdot (12) - 6 = 32$ -10+72-24-6=32 32=32		
Probe: $-10+6 \cdot b - 2 \cdot b - 6 = 32$ $-10+6 \cdot (12) - 2 \cdot (12) - 6 = 32$ -10+72-24-6=32 32=32		
$-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $32 = 32$		
$-10 + 6 \cdot (12) - 2 \cdot (12) - 6 = 32$ $-10 + 72 - 24 - 6 = 32$ $32 = 32$		
-10 + 72 - 24 - 6 = 32 32 = 32		
32 = 32		
		-10 + 72 - 24 - 6 = 32
		32 = 32
	d)	
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e)	$-4 - 1 + 16 \cdot y - 7 \cdot y = 58$ $9 \cdot y - 5 = 58 +5$ $9 \cdot y = 63 : (9)$ $y = 7$ $y = 7$ Probe: $-4 - 1 + 16 \cdot y - 7 \cdot y = 58$ $-4 - 1 + 16 \cdot (7) - 7 \cdot (7) = 58$ $-4 - 1 + 112 - 49 = 58$ $58 = 58$
f)	$3 \cdot y - 1 \cdot y + 1 - 8 = 15$ $2 \cdot y - 7 = 15 +7$ $2 \cdot y = 22 : (2)$ $y = 11$ $y = 11$ Probe: $3 \cdot y - 1 \cdot y + 1 - 8 = 15$ $3 \cdot (11) - 1 \cdot (11) + 1 - 8 = 15$ $33 - 11 + 1 - 8 = 15$ $15 = 15$