

- 2 a)  $x = 6$                       b)  $x = 5$                       c)  $x = 5$                       d)  $x = 17$
- 3 a)  $x = 13$                       b)  $x = 10$                       c)  $x = 41$                       d)  $x = 68$   
e)  $x = 19$                       f)  $m = 173$                       g)  $x = 35$                       h)  $y = 48$
- 5 a)  $u = -8$                       b)  $x = -5$                       c)  $w = -18$   
d)  $t = 13$                       e)  $a = -3$                       f)  $x = -23$   
g)  $p = -18$                       h)  $x = -22$                       i)  $s = -1$
- 6 a)  $y = -7$                       b)  $m = 12$                       c)  $k = -25$                       d)  $x = -14$   
e)  $k = 21$                       f)  $r = -41$
- 7 Ältere: 75 €, Jüngere: 50 €
- 8 a) M: 30 €, F: 30 €                      b) M: 36 €, F: 24 €  
c) M: 40 €, F: 20 €
- 9 a)  $y = 70$                       b)  $a = 24$                       c)  $m = -125$                       d)  $u = 144$   
e)  $z = -18$                       f)  $s = -89$
- 11 a) 9                      b) 9                      c) 100                      d) 4  
e) 30                      f) 45
- 12 a) 37                      b) 37                      c) 1                      d) 6  
e) -10
- 13 a)  $a = 9$                       b)  $b = 3$                       c)  $x = 5$                       d)  $m = 12$
- 14 a)  $y = 8$                       b)  $r = 80$                       c)  $t = 27$                       d)  $y = 105$
- 15 a)  $x = 5$                       b)  $x = 20$                       c)  $x = 5$                       d)  $y = 15$   
e)  $t = 6$                       f)  $x = 9$                       g)  $z = 77$                       h)  $x = 9$
- 17 a)  $a = 12$                       b)  $x = -3$                       c)  $a = 3$                       d)  $x = 5$   
e)  $x = 14$                       f)  $x = 1$
- 18 a)  $a = 2$                       b)  $x = 3$                       c)  $x = 1$                       d)  $x = 5$
- 19 a)  $x = 5$ , Probe: 31                      b)  $y = 21$ , Probe: 126  
c)  $x = 4$ , Probe: 15
- 20 a)  $2z + 3 = 11$ ;  $z = 4$                       b)  $3z - 7 = 20$ ;  $z = 9$   
c)  $\frac{z}{2} + 4 = 6$ ;  $z = 4$
- 21 WER RASTET DER ROSTET