

- **1** a) $x = 1, y = 1$
b) $x = 1, y = 3$
c) $x = 3, y = 1$
d) $x = -1, y = -5$
e) $x = 1, y = 6$
f) $x = 3, y = -11$
- **2** a) $a = -1, b = -\frac{1}{5}$; Probe: I ... $-4 = -4$, II ... $\frac{13}{5} = \frac{13}{5}$
b) $a = 4, b = -4$; Probe: I ... $-4 = -4$, II ... $1 = 1$
c) $a = \frac{47}{3}, b = -20$; Probe: I ... $7 = 7$, II ... $\frac{44}{3} = \frac{44}{3}$
d) $a = 8, b = 12$; Probe: I ... $-\frac{1}{3} = -\frac{1}{3}$, II ... $4 = 4$
- **3** 15,5; 46,5
- **4** 0,08; 0,12
- **5** 6; 9
- **6** 7; 2
- **7** 10; 25
- **8** 44 cm; 68 cm; 44 cm