

ARBETSBLAD 42

Ekvationer (II)

1 a) $\frac{x}{2} + 4 = 9$

$$\frac{x}{2} + 4 - 4 = 9 - 4$$

$$\frac{x}{2} = \underline{\hspace{2cm}}$$

$$\frac{x \cdot 2}{2} = \underline{\hspace{2cm}}$$

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

b) $\frac{x}{4} - 3 = 5$

$$\frac{x}{4} - 3 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\frac{x}{4} = \underline{\hspace{2cm}}$$

$$\frac{x \cdot 4}{4} = \underline{\hspace{2cm}}$$

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

2 a) $\frac{y}{3} + 9 = 13$

$$\frac{y}{3} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\frac{y}{3} = \underline{\hspace{2cm}}$$

$$\frac{y \cdot 3}{3} = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

b) $\frac{y}{5} - 2 = 6$

$$\frac{y}{5} \underline{\hspace{2cm}} = 6 \underline{\hspace{2cm}}$$

$$\frac{y}{5} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

3 a) $\frac{z}{6} + 7 = 10$

$$\frac{z}{6} \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\frac{z}{6} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$z = \underline{\hspace{2cm}}$$

b) $\frac{z}{7} - 1 = 9$

$$\frac{z}{7} \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\frac{z}{7} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$z = \underline{\hspace{2cm}}$$

ARBETSBLAD 42 – FACIT

Ekvationer (II)

1 a) $x = 10$
b) $x = 32$

2 a) $y = 12$
b) $y = 40$

3 a) $z = 18$
b) $z = 70$