S.
$$85/70$$
) $f(x)=2x^2-8x+6$
 $2x^2-8x+6=0$

2· $(x^2-4x+....-...)+6=0$
 $0^2-200+0^2$

2 $(x^2-4x+2^2-2^2)+6=0$

2 $(x^2-4x+2^2-2^2)+6=0$

2 $(x-2)^2-8+6=0$

2 $(x-2)^2-8+6=0$

2 $(x-2)^2-2=0$

$$2(x-2)^2-2=0$$

$$2(x-2)^2=2$$

$$(x-2)^2=1$$

$$|x-2|=1$$

$$|x-2|=1$$

$$x_1=3 \qquad x_2=1$$

7c) $f(x)=6x^2-3x$

$$5x^2-3x=0$$

$$x(5x-3)=0$$

$$(x-3)=0$$

$$x=0$$
odor $5x-3=0$

$$x=3$$

$$x=3$$

$$x=3$$

$$x=3$$

$$x=3$$

$$x=3$$

$$x=3$$

$$x=3$$

And quadratisher Expansions:

$$5 \times^2 - 3 \times = 0$$

 $5(x^2 - \frac{3}{5}x) = 0$ [:5]
 $x^2 - \frac{3}{5}x + ... = 0$
 $0^2 - 20b + b^2$
 $20b \stackrel{?}{=} \frac{3}{5}x$ $2b = \frac{3}{5}$
 $20b \stackrel{?}{=} \frac{3}{5}x$ $2b = \frac{3}{5}$
 $20b \stackrel{?}{=} \frac{3}{5}x$ $2b = \frac{3}{5}x$
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 $20b = \frac{3}{5}x$ $2b = \frac{3}{5}x$

$$x - \frac{3}{10} = + \frac{3}{10}$$
 oder $x - \frac{3}{10} = -\frac{3}{10}$
 $x_1 = \frac{3}{5}$ $x_2 = 0$

7d)
$$t^{2}-8t+2=0$$

 $t^{2}-8t+...-...+2=0$
 $a^{2}-2ab+b^{2}$
 $a=t$
 $2ab=8t$ $2b=8$
 $b=4$

$$t^{2} - 8t + 4^{2} - 4^{2} + 2 = 0$$

$$(t - 4)^{2} - 16 + 2 = 0$$

$$(t - 4)^{2} = 14$$

$$|t - 4| = 14$$

$$|t - 4| = 14$$

$$t_{1} = 14$$

$$t_{2} = 4 - 14$$