5) Wendesteller:
$$f''(x) = 6x + 2$$

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$$f''(x) = 0 \Rightarrow x = -\frac{1}{3}$$

$$f'''(x) \neq 0$$
6) Writing we halter:
$$(-\infty, -\frac{1}{3}, -\frac{1}{3}, (-\frac{1}{3}, +\infty))$$

$$\longrightarrow W$$

$$\longrightarrow W$$

7) Wendetangente:
$$\{(x) = lex + 2d$$

Ly An Wenderfielle: $-\frac{1}{3} = 4d$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{-1} = -\frac{16}{27}$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{-1} = -\frac{16}{27}$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{-1} = -\frac{16}{27}$
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 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{-1} = -\frac{16}{27}$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{2} + (-\frac{1}{3})^{2} = -\frac{16}{27}$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{2} + (-\frac{1}{3})^{2} = -\frac{16}{27}$
 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{2} - (-\frac{1}{3})^{2} = -\frac{16}{27}$
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 $w_{g} = (-\frac{1}{3})^{3} + (-\frac{1}{3})^{3} = -\frac{16}{27}$

$$t(x) = -\frac{4}{3}x - \frac{28}{27}$$

8) Graph Werte tobelle : Muss folgenole Punhte entholten«, 5 Nullstellen > Extremstellen - J Wendeztellen