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19 text and [text]

20 13.6pt

21 A linear function is a function of the form

22 
$$y = mx + c$$

23 
$$\left[ \frac{N}{\left( \frac{L}{p} \right) - (m + n)} \right]$$

24 The wave equation for  $u$  is

25 
$$\frac{\partial^2 u}{\partial t^2} = c^2 \nabla^2 u$$

26 where  $\nabla^2$  is the spatial Laplacian and  $c$  is constant.

27 The variable **text** $x$  is transformed by the function  $f(x)$ .

28 contrast  $x+y$  with  $x + y$  and  $\sum_{n=0}^{\infty} x_n$

29

NAME	SERIES	SUM
Arithmetic	$a + (a + b) + (a + 2b) + \cdots + (a + (n - 1)b)$	$na + \frac{(n - 1)n}{2} \cdot \frac{b}{2}$
Geometric	$a + ab + ab^2 + \cdots + ab^{n-1}$	$a \cdot \frac{1 - b^n}{1 - b}$

## 30 1.2 Second section

31 Η μεταβλητή  $y = f(x)$  εξαρτάται από τη μεταβλητή  $x$ .