

## Numbers, math and computing

### Technical English for IN/IT

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<b>1. Numbers</b>
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Read out the following numbers.

1. 6                      2. 34                      3. 23                      4. 77

5. 999                      6. 207                      7. 410                      8. 756

In English, the comma and period (decimal) have reversed roles from German.

9. 1,420                      10. 600,003                      11. 4,700 ft                      12. 63,462 km

13. 3.2                      14. 24.17                      15. 5.0 m<sup>2</sup>                      16. 118.7"

Commas and periods are also reversed in currency and prices.

17. \$50                      18. €4.99                      19. £21.57                      20. ¥4000

21. 20 pounds                      22. 50.25 USD                      23. 20 million euros

It is also important to remember that the words "billion" and "trillion" are also used differently in English than in German.

24. 1,000,000                      25. 60,000,000,000                      26. 33,200,000,000,000

English speakers commonly use fractions, for example in the imperial measurement system.

27. 1/2                      28. 2/3                      29. 3/4                      30. 7/5

31. 3 3/8                      32. 9 1/2                      33. 28 5/16                      34. 4 1/10

Now write down the numbers you hear.





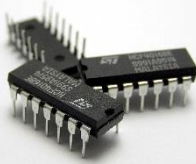

## 2. Math(s)

Sign	Name	Usage	Sign	Name	Usage
+	Plus sign	$1 + 2$ "1 plus 2" "1 and 2" (UK)	-	Minus or subtraction sign (vs. hyphen or dash)	$2 - 1$ "2 minus 1"
x *	Multiplication sign	$1 \times 2$ ; $1 * 2$ "1 times 2" "1 multiplied by 2"	÷ /	Division sign	$1 \div 2$ ; $1 / 2$ "1 divided by 2"
=	Equals sign	$1 + 2 = 3$ "1 plus 2 equals 3" "1 plus 2 is 3" (US) "1 and 2 are 3" (UK)	~	Approximately	$\sim 20$ yards "approximately 20 yards"
<	Less than	$x < 3$ "x is less than 3"	>	Greater than	$x > 3$ "x is greater than 3"
≤	Less than or equal to	$x \leq 3$ "x is less than or equal to 3"	≥	Greater than or equal to	$x \geq 3$ "x is greater than or equal to 3"
a <sup>b</sup>	Exponent, scientific/engineering notation	$5 \times 10^6$ "5 times 10 to the power of 6" (=5 million)  $5 \times 10^{-6}$ "5 times 10 to the minus 6" (=e.g. 5µm)	∫	Integration sign	$\int_a^b f(x)dx$ "the integral from a to b of f-of-x with respect to x"









### 3. Computing

Provide English names for the following hardware, software and icons/commands.

#### 1. Hardware/devices

#### 2. Operating systems/software (icons)

#### 3. Keys/commands – Give the English equivalent

Strg		Alt		AltGr	
Entf		Pos1		Bild↑	