MA004G
Mathematics Education for Primary and Secondary School

Numeracy Test

You have passed the test with mark G if you have at least 24 correct answers out of the 40 possible. You passed the test with mark VG if you had at least 35 correct answers and MVG if you have at least 38 correct answers.

[Q1] $2 + 3 \cdot 4 = 14$;

[Q2] $2 + 3 \cdot 6 - 4 = 16$;

[Q3] $(2 + 3) \cdot (6 - 4) = 10$;

[Q4] $2 + 3 \cdot (6 - 4) = 8$;

[Q5] $8 - 6 - 1 = 1$;

[Q6] $8 - (6 - 1) = 3$;

[Q7] $8 - (-6 - 1) = 15$;

[Q8] $-8 \cdot (-6) = 48$;

[Q9] $(-8) \cdot (-6) = 48$;

[Q10] $(-8)(-6) = 48$;

[Q11] $10 \cdot (2 - 3) = -10$;

[Q12] $10(2) - 3 = 17$;

[Q13] $10 \cdot \frac{1}{2} = 5$;

[Q14] $10 \div \frac{1}{2} = 20$;

[Q15] $\frac{-24}{12} = -2$;

[Q16] $\frac{-24}{-12} = 2$;

[Q17] $1 - \frac{-24}{-12} = -1$;

[Q18] $\frac{2}{3} \cdot \frac{4}{5} = \frac{8}{15}$;

[Q19] $\frac{1}{2} + \frac{1}{3} + \frac{1}{7} = \frac{41}{42}$;

[Q20] $2^2 = 4$;

[Q21] $2 \cdot 2^2 = 8$;

[Q22] $-2^2 = -4$;

[Q23] $(-2)^2 = 4$;

[Q24] $\sqrt{4} = 2$;

[Q25] $3^3 < 2^5$ is true;

[Q26] $3^3 = 27$;

[Q27] $2^5 = 32$;

[Q28] $(-2)^3 < 2^3$ is true;

[Q29] $(-2)^4 < 2^4$ is false;

[Q30] $(-2)^4 > 2^4$ is false;

[Q31] $(-2)^4 \le 2^4$ is true;

[Q32] $2^2 \cdot 2^5 = 2^{10}$ is false;

[Q33] If $a = 2^2$ and $b = 2^3$ then $ab = 2^2 \cdot 2^3 = 2^5 = 32$;

[Q34] If $a = 8$ and $b = 2$ then $ab = 2^x$ where $x = 4$;

[Q35] $(-2)(-8) - 5(-4) = 36$;

[Q36] $(-2)^3 + (-1)^4 - (-1)^2 = -8$;

[Q37] $\dfrac{18}{0.1 - 0.1(-2)} = 60$;

[Q38] $\dfrac{2 - \frac{2}{9}}{\frac{8}{9}} = 2$;

[Q39] 20% of 40 is 8;

[Q40] If a blouse costs kr. 360 in a sale where you get a discount of 40%, the price of the blouse before the sale was kr. 600.