# Mathematica Centrum

Together, let's shape the mathematicians of the future

**PREPARATORY TEST 2010**

**THALES (3rd) – BYRON-GERMAIN (4th) – FIBONACCI (5th) – PYTHAGORAS (6th)**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 11 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 21 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 31 | Ⓐ Ⓑ Ⓒ ● Ⓔ | 41 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 2 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 12 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 22 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 32 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 42 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 3 | ● Ⓑ Ⓒ Ⓓ Ⓔ | 13 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 23 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 33 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 43 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 4 | Ⓐ Ⓑ Ⓒ ● Ⓔ | 14 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 24 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 34 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 44 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 5 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 15 | ● Ⓑ Ⓒ Ⓓ Ⓔ | 25 | ● Ⓑ Ⓒ Ⓓ Ⓔ | 35 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 45 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 6 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 16 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 26 | ● Ⓑ Ⓒ Ⓓ Ⓔ | 36 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 46 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 7 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 17 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 27 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 37 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 47 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 8 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 18 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 28 | Ⓐ Ⓑ ● Ⓓ Ⓔ | 38 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 48 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 9 | Ⓐ Ⓑ Ⓒ ● Ⓔ | 19 | Ⓐ Ⓑ Ⓒ ● Ⓔ | 29 | Ⓐ Ⓑ Ⓒ Ⓓ ● | 39 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 49 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |
| 10 | ● Ⓑ Ⓒ Ⓓ Ⓔ | 20 | Ⓐ Ⓑ Ⓒ ● Ⓔ | 30 | Ⓐ ● Ⓒ Ⓓ Ⓔ | 40 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ | 50 | Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ |