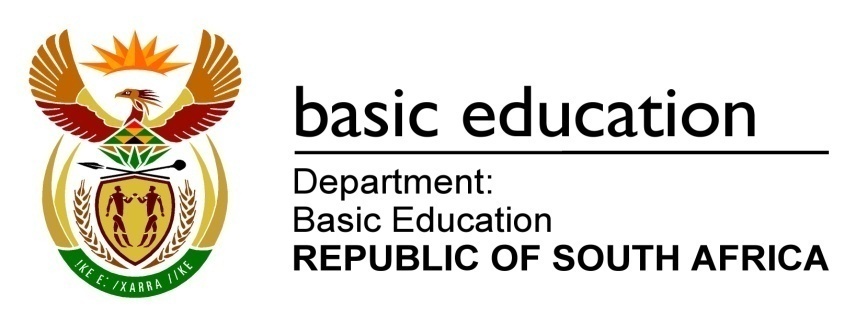
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**JAARLIKSE NASIONALE ASSESSERING**

**GRAAD 4**

**WISKUNDE**

**2012 MODELTOETS MEMORANDUM**

****

**GRAAD 4 WISKUNDE**

**JAARLIKSE NASIONALE ASSESSERING: 2012**

**MODELVRAE – TOETS MEMORANDUM**

|  |  |  |  |
| --- | --- | --- | --- |
| **VRAAG** | **VERWAGTE ANTWOORDE** | **PUNTE** | **TOTAAL** |
| 1.1  1.2  1.3  1.4  1.5 | B ✓ | 1  1  1  1  1 | 5 |
| C ✓ |
| B ✓ |
| C ✓ |
| B ✓ |
| 2.1  2.2  2.3 | 4 125 , 4 150 ✓ | 1  1  1 | 3 |
| 1 900 , 1 850 ✓ |
| 4 688 and 4 692 ✓ |
| 3 | 4 585 ✓ | 1 | 1 |
| 4.1  4.2  4.3  4.4  4.5  4.6 | 810 , 2180 , 1810 , 1180 ✓ | 1  3  1  1  1  1 | 8 |
| (a) 1490 ✓ (b) 1500 ✓ (c) 100 0✓ |
| 1184 ½ or 1184,5 ✓ |
| 4738 ✓ |
| Drie duisend en agtien ✓ |
| 8 en 16 ✓ |
| 5.1 | 13 18 17 6  + 4 1 9 6  8 0 7 2 ✓✓ | 2 | 10 |
| 5.2 | 4 0 0 0  \_ 1 4 8 1  2 5 1 9 ✓✓ | 2 |
| 5.3 | ✓  4 8 Of 23 x 48 = 23 x 8 x 6  X 2 3 = 184 x 6 ✓  1 4 4 ✓ = 1104 ✓  + 9 6 0 ✓  1 1 0 4 ✓ | 3 |
| 5.4 | ✓✓✓ ✓  3 1 2 Of (900 + 30 + 6) ÷ 3  3 9 3 6 = 300 + 10 + 2 ✓  = 312 ✓ | 3 |
| 6 | Nee ✓ | 1 | 1 |
| 7 | nommers 181 327 141 ✓  nommers 412 192 8 ✓ | 1  1 | 2 |
| 8.1  8.2 | > ✓  < ✓ | 1  1 | 2 |
| 9.1  9.2 | 3 ✓ ✓ 1 ✓  5 , 0,5 , 50  a. 2 1 ✓  6 or 3  b. 2 ✓  3 | 3  2 | 5 |
| 10 | ✓ ✓  Aantal wiele = 23 x 4 = 46 x 2 = 92 | 2 | 2 |
| 11 | Aantal speelgoed = 76 ÷ 4 ✓ of 19  = (40 + 36) ÷ 4 ✓ 4 76  = 10 + 9  = 19 ✓ | 3 | 3 |
| 12 | ✓ ✓ ✓   1. C5 of 5C b. F3 or 3F c. C1 or 1C | 3 | 3 |
| 13 | ✓ | 1 | 1 |
| 14 | 1. 8 x 4 = 32 or 4 x 8 = 32 ✓ 2. 32 ÷ 4 = 8 or 32 ÷ 8 = 4 ✓ | 1  1 | 2 |
| 15 | Koste van 3 boeke = 3 x R10,78 ✓ of R10,78  = R30 + R2,34 x 3  = R32,34 R32,34 | 2 | 2 |
| 16 | 1. Seshoek b. Parallelogram 2. Vyfhoek d. Trapesium | 4 | 4 |
| 17 | Horlosie    ✓  ✓ | 2 | 2 |
| 18 | |  |  |  | | --- | --- | --- | | NAAM | Tally marks | Frequency | | Sam | ~~IIII~~ I |  | | Baba |  | 7 | | Maria | ~~IIII~~ III |  | | Simon | ~~IIII~~  ~~IIII~~  ~~IIII~~ |  | | 1  1  1  1 | 4 |

**TOTAAL: 60**