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**ANNUAL NATIONAL ASSESSMENT**

**GRADE 2**

**MATHEMATICS**

**EXEMPLAR TEST 2012**

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| 1. | **Look at the picture and answer the following questions.** |  |  |

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|  | a. | How many faces are shown in the above picture?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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|  | b. | How many groups of five faces are there?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 2. | Fill in the missing numbers.  145; 150; \_\_\_\_\_\_; \_\_\_\_\_\_\_;\_\_\_\_\_\_\_; 170.  120; 130; \_\_\_\_\_\_\_; \_\_\_\_\_\_; \_\_\_\_\_\_; \_\_\_\_\_; 180. |  |  |

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| 3. | Complete the following number pattern.  \_\_\_\_\_\_\_; 60; 62; \_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_; 68. |  |  |

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| 4. | What does the digit 7 represent in the number 76?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 5. | Write the number symbols for each of the following number names. |  |  |

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|  | a. | Fifty-two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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|  | b. | Sixty-eight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 6. | Fill in the answers |  |  |

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|  | a. | 43 + 28 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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|  | b. | 82 – 31 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 7. | Write the numbers from the smallest to the greatest.  62; 24; 46; 42  \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_ |  |  |

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| 8. | a. How much is 75 more than 30? \_\_\_\_\_\_\_\_\_\_\_\_  b. How much is 26 less than 60? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 9. | a. 17 doubled = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  b. Half of 39 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 10. | Share 63 balls equally between 3 friends.  Each friend gets \_\_\_\_\_\_\_\_\_\_ balls.  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf |  |  |

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| 11. | Complete the following table   |  |  |  | | --- | --- | --- | | Price of article | Paid with | Change | | 55c | R1 |  | | R52,30 | R60 |  | |  |  |

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| 12. | Fill in “**behind**”, “**next to**”, or “**in front of**” in each sentence.  C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0149627.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0149887.wmfC:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0252349.wmf   1. The cow is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the tractor. 2. The spanner is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the tractor. |  |  |

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| 13. | The school starts at 8 o’ clock. If Joan leaves home at  6 o’ clock, how many hours does it take her to get to school?  Number of hours = \_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |  |

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| 14. | Draw the minute-hand and the hour-hand on each of the following clock faces to show the indicated time.      Quarter to 6 Half past 8 |  |  |

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| 15. | A B C D  Juice Oil Cool drink Milk  1 litre 2 litres 1 litre 1 litre  Look at the above pictures carefully and answer the questions.   1. How much milk can item D hold? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. How many cans of oil do I need to fill a 30 litre tank? \_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 16. | John planted seven trees in each of 3 rows. How many trees did he plant altogether?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 17. | This pictograph shows how many stars each child collected.  Number of stars collected   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  | ☼ |  |  |  | |  | ☼ |  |  |  | |  | ☼ | ☼ |  |  | |  | ☼ | ☼ | ☼ |  | |  | ☼ | ☼ | ☼ |  | |  | ☼ | ☼ | ☼ | ☼ | |  | Ben | Ric | Ann | Suzan | |  | | | | |  1. Who collected the most stars? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. How many stars did the 4 children collect altogether? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |

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| 18. | FG P M Z  Look at the capital letters above.  a. Mark the letter that is symmetrical with a “✓”.  b. Circle the letter that is in the second position. |  |  |