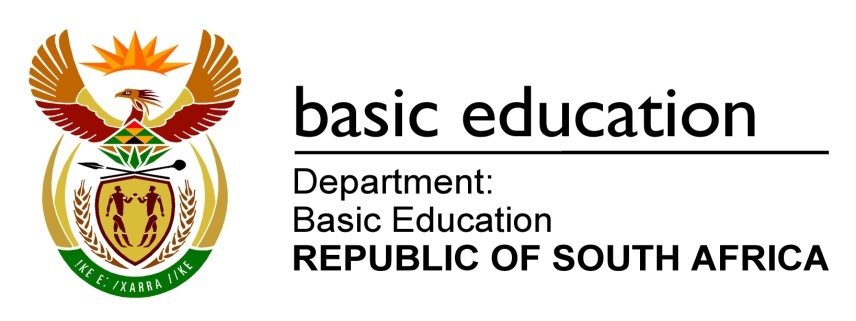
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**ANNUAL NATIONAL ASSESSMENT**

**GRADE 4**

**MATHEMATICS**

**EXEMPLAR TEST 2012**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1. | Circle the letter of the correct answer. | | |  | |  |
|  | 1.1 What fraction is equal to ? | | |  | |  |
|  | A  B  C  D |  | | (1) |  | |
|  | 1.2 What is the value of the underlined digit ? 7 999 | | |  | |  |
|  | A  B  C  D | | 90  9  900  9000 | (1) |  | |
|  | 1.3 The capacity of a kitchen cooking utensil is measured in… | | |  | |  |
|  | A  B  C    D | | kilolitres  litres  centimetres  metres | (1) |  | |
|  | 1.4 The number 6 423 rounded off to the nearest 10 will be… | | |  | |  |
|  | A  B  C  D | | 6 430  6 460  6 420  6 400 | (1) |  | |
|  | 1.5 The product of 32 and 12 is | | |  | |  |
|  | A  B  C  D | | 320  384  448  448 | (1) |  | |
| 2. | Fill in the missing numbers in each of the following. | | |  | |  |
|  | 2.1 4 050 ;4 075;4 100 ;\_\_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_\_\_\_. | | | (1) | |  |
|  | 2.2 2 050; 2 000; 1 950; \_\_\_\_\_\_\_\_\_ ;\_\_\_\_\_\_\_\_\_\_\_. | | | (1) | |  |
|  | 2.3  4686 \_\_\_\_\_\_\_ 4690 \_\_\_\_\_\_ 4694 | | | (1) | |  |
| 3. | Which number is written as:  (5100) (4 1000) in expanded notation?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1) | |  |
| 4. | Answer the following questions.  4.1 Arrange the following numbers from the biggest to the smallest.  1 810; 2 810; 2180; 1180 ;\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1) | |  |
|  | 4.2 Answer the following questions.  a. 1487 rounded off to the nearest 10\_\_\_\_\_\_\_\_\_\_\_\_  b. 1487 rounded off to the nearest 10\_\_\_\_\_\_\_\_\_\_\_\_  c. 1487 rounded off to the nearest 1 0\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1)  (1)  (1) | |  |
|  | 4.3 Half of 2 369 is \_\_\_\_\_\_\_\_\_\_\_\_  4.4 Double 2 369 is \_\_\_\_\_\_\_\_\_\_\_\_  4.5 3 018 written in words is \_\_\_\_\_\_\_\_\_\_\_\_ | | | (1)  (1)  (1) | |  |
|  | 4.6 Circle all the numbers in the triangle which are multiples of 4.  8  10 16  21 | | | (1) | |  |
| 5. | Calculate the answers of 5.1 – 5.4.  5.1 3 876 + 4 196 5.2 4 000 – 1 481  5.3 48 x 23 5.4 936 ÷ 3 | | | (2)  (2)  (3)  (3) | |  |
| 6. | Is 67- 45 equal to 45 - 67? \_\_\_\_\_\_\_\_\_\_\_ | | | (1) | |  |
| 7. | Draw a circle around all the odd numbers and a triangle around all the even numbers in the group. | | | (1)  (1) | |  |
| 8. | Fill in > or < to make correct sentences.  8.1 6 745 \_\_\_\_\_\_\_\_\_\_\_ 4 567 | | | (1) | |  |
|  | 8.2 1 010 \_\_\_\_\_\_\_\_\_\_\_ 1 110 | | | (1) | |  |
| 9. |  | | |  | |  |
|  | 9.1 Complete the following conversion table. Give the answers in the  simplest form.   |  |  | | --- | --- | | Common fractions | Decimal fractions | | a.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  1  2  c.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 0;6    b.\_\_\_\_\_\_\_\_\_\_\_    0;02 | | | | (1)  (1)  (1) | |  |
|  | 9.2 Mrs Mpotoane eats of a chocolate cake before supper; and  then later eats another.  a. What fraction of the chocolate cake did she eat altogether? \_\_\_\_\_\_\_\_  b. What fraction of chocolate cake was left? \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1)  (1) | |  |
| 10. | C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0216858.wmf  One car has 4 wheels.  How many wheels will 23 cars have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (2) | |  |
| 11. | Yusuf has R76;00 to buy his friend a fancy toy. One fancy toy costs R4;00.  How many toys can he buy? \_\_\_\_\_\_\_\_\_\_\_\_ | | | (3) | |  |
| 12. | Look at the grid and give the location of each of the following pictures.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | I |  |  |  |  |  | | H |  |  |  |  |  | | G |  |  |  |  |  | | F |  |  |  |  |  | | E |  |  |  |  |  | | D |  |  |  |  |  | | C |  |  |  |  | C:\Program Files\Microsoft Office\MEDIA\CAGCAT10\j0299763.wmf | | B |  |  |  |  |  | | A |  |  |  |  |  | |  | 1 | 2 | 3 | 4 | 5 |   The grid position of   1. the ball is \_\_\_\_\_\_\_\_ 2. the triangle is \_\_\_\_\_\_\_\_ 3. the tree is \_\_\_\_\_\_\_\_ | | | (1)  (1)  (1) | |  |
| 13. | Draw a diagram to show what the diagram below will look like if it is flipped to the left. | | | (1) | |  |
| 14. | Look at the number triangle below and write down 2 different number sentences.  32  4 8  a.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  b.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1)  (1) | |  |
| 15. | Calculate the cost of 3 identical books if 1 book costs R10;78. | | | (2) | |  |
| 16. | Use the names given in the table to name the 2-D shapes.   |  |  | | --- | --- | | Trapezium | Pentagon | | Parallelogram | Hexagon |   a. b.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  c. d.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (1)  (1)  (1)  (1) | |  |
| 17. | Look at the Arrivals board at the airport and answer the question which follows.   |  |  |  | | --- | --- | --- | | Arrivals | | | | Destination | Time | Flight Number | | Cape Town | 03:45 | S.A.A 807 | | Durban | 09:55 | B.A 424 | | Kimberley | 18:30 | S.A.A 320 |   Draw a clock face to show the time of arrival of flight number S.A.A 807 | | | (2) | |  |
| 18. | Complete the frequency table.   |  |  |  | | --- | --- | --- | | Name | Tally marks | Frequency | | Sam |  | 6 | | Baba | ~~IIII~~ II |  | | Maria |  | 8 | | Simon |  | 15 | | | | (1)  (1)  (1)  (1) | |  |

**TOTAL: 60**