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| Year  9 | | Basic Number Skills Practice Test | | Non Calculator |
| Short Answer Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Write all working and answers in the spaces provided on this Practice Test paper. | | | |
| 1. | Find 40% of $120.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 2. | When a 300 m3 pile of sand is divided into 2 piles, in the ratio 5 : 1, what is the volume of the larger pile?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 3. | Find  of $104.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 4. | Write the numbers, 1.2, 1.002,  and  in descending order.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 5. | Jackson spends $4 from his allowance of $25. What percentage of his allowance has he got left?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 6. | Find the value of ?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 7. | Write the number  as a decimal.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 8. | What is 48% as a fraction in simplest form?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 9. | Given that 61 × 4 = 244, what is the value of 0.61 × 0.04 =  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 10. | Simplify the ratio 25 centimetres : 1.5 metres  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 11. | The value of  lies between 0.2 and 0.5. What value could  take?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 12. | Find the value of  in simplest form.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |

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| Year  9 | | Basic Number Skills Practice Test | | Calculator |
| Multiple Choice Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Mark all your answers on the accompanying multiple choice answer sheet, not on this Practice Test paper. You may do any working out on this Practice Test paper. Calculators are allowed for this section. | | | |
| 1. | Which set of numbers is arranged in ascending order?   1. B.   C.  D. | | | |
| 2. | Which of the following is not the same as 24.5%  A.  B.  C.  D. | | | |
| 3. | When 45 398 km is rounded to 3 significant figures, the result is;  A. 50 000 B. 45 000 C. 45 300 D. 45 400 | | | |
| 4. | The product of  is:  A.  B.  C.  D. | | | |
| 5. | Ken and Leo invest money in their business in the ratio 5 : 7 respectively. They divide their profits in the same ratio. If the profits for one year were $192 000, how much would Leo receive?  A. $112 000 B. $268 800 C. $16 000 D. $80 000 | | | |
| 6. | Naomi is a teacher and she asks her class about the number of vehicles their families own. She finds that  of her class has one car,  has two cars and  has more than two cars. What fraction of the class has no car?  A.  B.  C.  D. | | | |
| 7. | Quentin, Ryan and Sally find that their ages are in the ratio 4 : 5 : 11. Sally is 55 years old. What is the difference between Quentin’s and Ryan’s ages?  A. 1 year B. 5 years C. 6 years D. 10 years | | | |
| 8. | The missing number in the sentence above is :  A. 5 B. 0.5 C. 0.05 D. 2 | | | |
| 9. | The result to  when rounded to three decimal places is:  A. 1.3509 B. 1.350 C. 1.351 D. 1.35 | | | |
| 10. | 0.0023456 rounded to 2 significant figures is  A. 0.00 B. 0.002 C. 0.0023 D. 0.0024 | | | |
| 11. | Which does not have the same value as  ?  A.  B. 1.1 C.  D. | | | |
| 12. | The ratio 28 : 40 in simplest form is :  A. 14 : 20 B. 7 : 10 C. 3.5 : 5 D. 56 : 80 | | | |
| 13. | Hannah saves 40% of her pay from her weekend job for her future university fees. If she saves $48, what was her pay?  A. $120 B. $88 C. $83 D. $192 | | | |

Basic Number Skills Practice Test

Multiple Choice Section

Answer Sheet

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Completely fill the response oval representing the most correct answer.

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D

11. A B C D

12. A B C D

13. A B C D