

**DINWIDDIE PRIMARY SCHOOL**

**PRACTICE TEST**

\_\_\_\_

**50**

**Name and Surname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade: \_\_\_\_**

**INSTRUCTIONS**

**1) Answer all the questions on the question paper.**

**2) Read the questions carefully.**

**3) Work neatly and show all calculations where necessary.**

**4) You may not use a calculator.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**QUESTION 1 (10 marks)**

**1.**  **Match column A with column B. Only write down the letter in the answer column.**

|  |  |  |
| --- | --- | --- |
| **Column A** | **Column B** | **Answer** |
| 1.1. Square numbers | A. 4; 6; 8; 9; 10 | 1.1 |
| 1.2. First 5 Prime numbers | B. 1; 2; 3; 4; 6; 12 | 1.2 |
| 1.3. Symbol for whole numbers | C. 2 + 7 = 7 + 2 | 1.3 |
| 1.4. Distributive property | D. 3; 6; 9; 12; 15 | 1.4 |
| 1.5. Commutative property | E. 0; 1; 2; 3; 4; 5; 6 | 1.5 |
| 1.6. Factors of 12 | F. N | 1.6 |
| 1.7. Multiples of 3 smaller than 16 | G. No | 1.7 |
| 1.8. Symbol for natural numbers | H. 2; 3; 5; 7; 11 | 1.8 |
| 1.9. Composite numbers | I. 1; 4; 9; 16; 25; 36 | 1.9 |
| 1.10. Whole numbers smaller than 7 | J. 4x(15 – 3) = (4 x 15) – (4 x 3) | 1.10 |

**QUESTION 2 (21 marks)**

**2.1 Simply the following ratios:**

2.1.1 3 : 6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

2.1.2 8 : 12 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

2.1.3 21 : 7 : 28 : 49 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2)

**2.2 A furniture store offers 5% discount on a couch set that cost R3 960.**

**Calculate the discount**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   
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**2.3 Calculate:**

2.3.1 8 × 60 000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

2.3.2 900 ÷ 30 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

2.3.3 3 457 650 x 1 x 0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

2.3.4 6(4 + 5) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

**2.4 Round off 7 643 831 to the nearest 1 000.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1)

**2.5 Find the LCM for 45 and 15. (Indicate the multiples and circle the answer.)**

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**2.6 Work out the prime factors of 36. (Use the ladder method.)**

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2)

**2.7 A mother is twice as old as her daughter. How old is the daughter if the mother is 64 years old?**

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**2.8 The product of two prime numbers is 10. What is the difference between the two prime numbers?**

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**QUESTION 3 (10 marks)**

**3. Calculate:**

**3.1** (17 + 5) x 3 **3.2** 56 ÷ 7 + 13 x 2

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (3)

**3.3**  54 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (2)

**3.4** 22 x 32 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (3)

**QUESTION 4 (9 marks)**

**4.1 Draw line segment PQ 5 cm long.**

|  |
| --- |
| (3) |

**4.2 Draw lines AB//CD.**

|  |
| --- |
| (3) |

**4.3 Draw EF perpendicular to GH.**

|  |
| --- |
| (3) |