

**QUESTION 1: WHOLE NUMBERS**

1.1 Write down the first four multiples of 7: \_\_\_\_\_ (2)

1.2 Write down the rule for the pattern below:

**1; 4; 9; 16; 25** \_\_\_\_\_ (1)

1.3 Write down all the factors of 18: \_\_\_\_\_ (3)

1.4 Explain in your own words what a *prime number* is: \_\_\_\_\_

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

1.5 What is a *square number*? Give an example to substantiate your explanation:

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

1.6 Write the number below in words:

**1489** \_\_\_\_\_ (1)

1.7 Write the number:

**Three thousand five hundred and forty-eight** \_\_\_\_\_ (1)

1.8 Write the following numbers in expanded notation:

**7894** = \_\_\_\_\_

**258** = \_\_\_\_\_ (2)

1.9 Write down the following number:

**2Th + 2H + 2T + 1t** = \_\_\_\_\_ (1)

1.10 Write the **Place Value** and the **Numerical Value** of the underlined numbers.

1999 Numerical Value: \_\_\_\_\_ Place Value: \_\_\_\_\_

39,23 Numerical Value: \_\_\_\_\_ Place Value: \_\_\_\_\_ (2)

1.11 **Round** the following numbers **off** as indicated:

555 to the nearest 10: \_\_\_\_\_ (1)

1 983 to the nearest 5: \_\_\_\_\_ (1)

23 950 to the nearest 100: \_\_\_\_\_ (1)

2,99 to the nearest tenth: \_\_\_\_\_ (1)

1.12 Calculate the following using your **favourite method**.

1.12.1

**Double 4 700**

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(2)

1.12.2

**$(6 - 1) \times 5 - 1 + 20 \times 2$**

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(3)

1.12.3

**$274 + 152 + 326 + 448$**

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(2)

1.12.4

**520 – 185**

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(2)

1.12.5

**8 400 ÷ 70**

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(2)

1.12.6

**125 minus 25 and then add 7**

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(2)

1.12.7

**455 ÷ 5**

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(2)

1.12.8

**14 X 10T**

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(2)

1.12.9

**2 times 0,5**

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(2)

1.12.10

**Reduce 2 with 0,1**

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(2)

1.12.11

**R22,50 – R8,60 + R1589 + two Rand forty-five cents**

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\_\_\_\_\_

\_\_\_\_\_

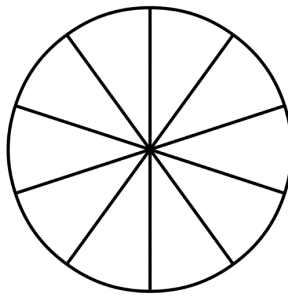
(2)

**Subtotal: 44**

**QUESTION 2: COMMON FRACTIONS AND DECIMAL FRACTIONS**

2.1 Colour in a  $\frac{1}{5}$  of the following shape:

(1)



2.2 How many halves are there in  $2\frac{1}{2}$ ? \_\_\_\_\_

(1)

2.3 Calculate  $\frac{5}{7}$  of 63: \_\_\_\_\_

(1)

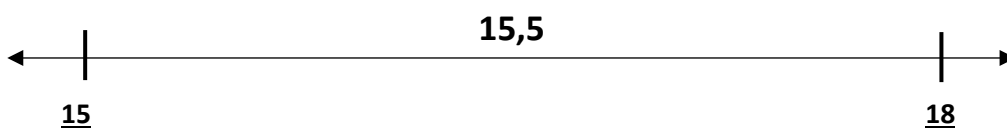
2.4 Convert the following common fractions to decimal fractions:

$\frac{7}{10} =$  \_\_\_\_\_

$3\frac{1}{5} =$  \_\_\_\_\_

(1)

2.5 Place the following decimal fraction as accurately as possible on the number line:



(1)

2.6 Convert the following decimal fractions to common fractions:

0,3 = \_\_\_\_\_

4,4 = \_\_\_\_\_ (2)

2.8 Fill in < ; > or =

$\frac{1}{3}$  \_\_\_\_\_ 0,10

0,5 \_\_\_\_\_  $\frac{1}{5}$  (2)

**Subtotal: 9**

**QUESTION 3: COUNTING FRACTIONS**

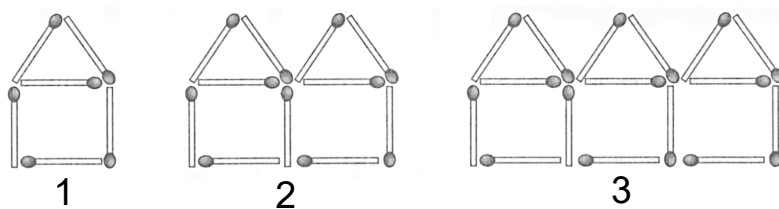
3.1  $\boxed{2} + \frac{1}{3}$   $\boxed{\phantom{00}}$   $+ \frac{1}{3}$   $\boxed{\phantom{00}}$   $+ \frac{1}{3}$   $\boxed{\phantom{00}}$   $+ \frac{1}{4}$   $\boxed{\phantom{00}}$  = \_\_\_\_\_ (2)

3.2  $\boxed{2,4} - 0,2$   $\boxed{\phantom{00}}$   $+ 1,2$   $\boxed{\phantom{00}}$   $- 0,8$   $\boxed{\phantom{00}}$   $+ 0,3$   $\boxed{\phantom{00}}$  = \_\_\_\_\_ (2)

**Subtotal: 4**

**QUESTION 4: GEOMETRIC PATTERNS**

Study the matchstick pattern below:



4.1 Complete the following table:

**(3)**

Pattern number	1	2	3	4	5	10
Number of matchsticks	6	11	16			

**Subtotal: 3**

**TOTAL 60**