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**GRADE II**

**MATHEMATICS**

**DAILY PRACTICE PAPER**

**[DPP]**

**2019-2020**

**MID TERM**

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| --- | --- | --- | --- | --- |
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**3. HOW MUCH CAN YOU CARRY?**

**CONCEPT BASED WORKSHEET**

**Objective: To know the concept of heavy and light.**

**Fill in the blanks with heavier or lighter:**

1)Apples are \_\_\_\_\_\_\_\_\_\_ than chips.

2)The bears are \_\_\_\_\_\_\_\_\_\_ than an elephants.

3) I am \_\_\_\_\_\_\_\_\_\_than my mother.

4)Hens are \_\_\_\_\_\_\_\_\_\_ than a goat.

5)Dog is \_\_\_\_\_\_\_\_\_\_ than a fish.

6)2 Apples are \_\_\_\_\_\_\_\_\_\_ than a 2 bananas.

7)A toddler is \_\_\_\_\_\_\_\_\_\_ than a boy.

8)A car is \_\_\_\_\_\_\_\_\_\_ than a bicycle.

9)A empty water bottle is\_\_\_\_\_\_\_\_\_\_ than a lunch box.

10)A Desktop is \_\_\_\_\_\_\_\_\_\_ than Laptop.

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**CONCEPT BASED WORKSHEET**

**ADDITION**

**Objective: To develop their Numerical ability.**

|  |  |
| --- | --- |
| **T** | **O** |
| 1 | 0 |
| **+** | 9  **+** |
|  |  |

|  |  |
| --- | --- |
| **T** | **O** |
| 2 | 3 |
| 1 | 2 |
|  |  |

|  |  |
| --- | --- |
| **T** | **O** |
|  |  |
| 0 | 5 |
| 7 | 6 |
|  |  |

|  |  |
| --- | --- |
| **T** | **O** |
|  |  |
| 3  **+** | 2  **+** |
| 1 | 9 |
|  |  |

|  |  |
| --- | --- |
| **T** | **O** |
|  |  |
| 6 | 9 |
| 2 | 2 |
|  |  |

|  |  |
| --- | --- |
| **T** | **O** |
|  | **+** |
| 5  **+** | 3 |
| 2 | 8 |
|  |  |

|  |  |  |
| --- | --- | --- |
| **H** | **T** | **O** |
|  |  |  |
| 1 | 8 | 3 |
|  | 7 | 5 |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **H** | **T** | **O** |
| 3 | 2 | 1 |
|  | 6 | 5 |
|  |  |  |

**+**

**+**

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**CRITICAL THINKING**

**Objective: To think and solve the word problem.**

**Addition:**

**Read the story and answer the questions:**

Once there lived a woman, she had some cattles like 10 hens,5 goats and 3calves.10 hens each hens weights 2kg, 5 goats in that 2 goats weight is 5kg,3 goats weights 15 kg and 3 calfs which weights 45 kg each.

**Questions:**

1.What is the total weight of goats ? --------KG

2.Which cattle is heavier Calf or Hen? -------------

3.What is the total weight of 2 calves? --------KG

4.If we add 5 hens of same weight what may be the total weight of hens? ----------KG

5.What will be the weight of 2 hens and 3 calves? -----------KG

6.What will be the weights of hen if she sold 3 hens from those 10, whether weights become heavier or lighter? ------------------

7.The women can able to lift 45Kg ,if possible which cattle category she can lift? ---------

8. How many cattles are there in total? -----------

9.What is the total weight of hens? ------------

10.What is actual weight difference between the goat and calves?

----------KG

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**4.COUNTING IN 10’S:**

**NUMERICAL ABILITY**

**Objective: To know the numbers.**

**Write 10 th table in clouds:**

10X10=

10X3=

10X2=

10X7=

10X6=

10X5=

10X9=

10X4=

10X1=

10X8=

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**MATHEMATICAL ABILITY**

**Objective: To know skip count.**

**Counting numbers in 10’s:**

1.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 10 |  | 30 | 40 |  | 60 |

2.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2 |  | 22 | 32 |  | 52 |

3.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 6 | 16 |  |  | 46 |  |

4.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 110 |  | 130 |  |  | 160 |

5.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 84 |  |  | 114 |  | 134 |

6.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 67 |  |  | 97 |  |  |

7.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 212 |  |  | 242 |  | 262 |

8.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 780 |  | 800 |  | 820 |  |

9.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 81 |  |  | 111 |  | 131 |

10.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 128 |  | 148 |  |  |  |

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**APPLICATION BASED WORKSHEET**

**Objective: Story based sums**

**1.Tim has four bins of cars.Each bin have 10 cars.How many cars does he have?**

**Sol:**

Total no of bins : \_\_\_\_\_.

No of cars in each bin : \_\_\_\_\_.

Total no of cars : \_\_\_\_\_.

**2.My pet dog likes to eat bones. Every day he likes to eat five bones.In four days how many bones will he eat?**

**Sol:**

No of bones in each day : \_\_\_\_\_.

Total no of days : \_\_\_\_\_.

Total no of bones in 4 days : \_\_\_\_\_.

**3.On Wednesday you saw 13 robbins on one tree and 7 robbins on another tree.How many robbins in altogether?**

**Sol:**

No of robbins on one tree : \_\_\_\_\_.

No of robbins on another tree : \_\_\_\_\_.

Total no of robbins : \_\_\_\_\_.

**4.Today is May 3rd . Your birthday is on 23rdMay.How many more days until your birthday?**

**Sol:**

Today’s date : \_\_\_\_\_.

Your birthday falls on : \_\_\_\_\_.

Remaining days : \_\_\_\_\_.

**5.Matt and his brother went out Matt saw 6 hamster ,his brother saw 24 hamsters.How many clouds they saw altogether?**

**Sol:**

No of hamsters seen by Matt : \_\_\_\_\_.

No of hamsters seen by his brother : \_\_\_\_\_.

Total no of hamsters : \_\_\_\_\_.

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**NUMERICAL ABILITY**

**Objective: To think and write**

**Counting in 10’s with the help of airthematic operations:**

**MENTAL MATH**

|  |  |  |
| --- | --- | --- |
| 35 | Now add 100. |  |
| 47 | Now subract 20. |  |
| 58 | Now (+) 60. |  |
| 89 | Now add 90 |  |
| 96 | Now(–) 60. |  |
| 54 | Now sum 110. |  |
| 78 | Now (–) 50. |  |
| 120 | Now subract 80. |  |
| 91 | Now deduct 30. |  |
| 32 | Now sum 70. |  |

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**5.PATTERNS**

**CONCEPT BASED WORKSHEET**

**Objective: To think and answer logically.**

**What comes next?**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

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**LOGICAL THINKING ENHANCING**

**Objective: To know and fill the sequence.**

**Read and write the correct sequence:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 35 | 45 | 55 | 65 | 75 |  |  |
| 8 | 16 | 24 | 32 | 40 |  |  |
| 1A | 2B | 3C | 4D | 5D |  |  |
| Zz | Yy | Xx | Ww | Vv |  |  |
| 6 | 9 | 12 | 15 | 18 |  |  |
| 1\*2 | 2\*4 | 3\*6 | 4\*8 | 5\*10 |  |  |
| 100 | 90 | 80 | 70 | 60 |  |  |
| eE | gG | iI | kK | mM |  |  |
| 1.5 | 2 | 2.5 | 3 | 3.5 |  |  |
| 93 | 97 | 101 | 105 | 109 |  |  |

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**PEN PAPER TEST**

**Objective: To apply the concept.**

**Determine which choice the best describe the rule pattern is using:**

1. Which choice is using the same addition rule as the pattern shown?

**2, 12, 22, 32, 42**

1. 7, 17, 27, 37,47
2. 5, 15, 35, 45, 25
3. 43, 53, 65, 78, 3
4. 89, 7, 90, 5, 76
5. Which choice is using the same subtraction rule as the pattern shown?

**4, 14, 24, 34,44**

a)9, 19, 28, 38, 48

b) 6, 13, 24, 34, 42

c) 37, 47, 57, 67,77

d) 57, 50, 43, 35, 22

1. Which choice is using the same skip count rule as the pattern shown?

**8, 10, 12, 14, 16**

1. 45, 41, 34, 30, 22
2. 88, 92, 96, 100, 104
3. 9, 15, 21, 27, 33
4. 7, 9, 11, 13, 15
5. Start at 15 and add 3 at each time: \_\_\_\_, \_\_\_\_, \_\_\_\_,\_\_\_\_,\_\_\_\_.
6. Start at 128 and deduct 8 for each time:\_\_\_\_, \_\_\_\_, \_\_\_\_,\_\_\_\_,\_\_\_\_.

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**6. FOOTPRINTS**

**CONCEPT BASED WORKSHEET**

**Objective: To understand what are the shapes.**

Match the following:

|  |  |  |
| --- | --- | --- |
| 1. |  | Cuboid |
| 2. |  | Star |
| 3. |  | Cone |
| 4. |  | Cube |
| 5. |  | Circle |
| 6. |  | Rectangle |
| 7. |  | Oval |
| 8. | Related image | Diamond |
| 9. | Image result for cone shape | Triangle |
| 10. | Image result for cuboid shape | Square |

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**FREE HAND DRAWING**

**Objective: To draw a picture using shapes.**

Draw a picture using the shapes given below and colour the pictures by using the instruction given below :



|  |
| --- |
|  |

 - Red - Green - Blue

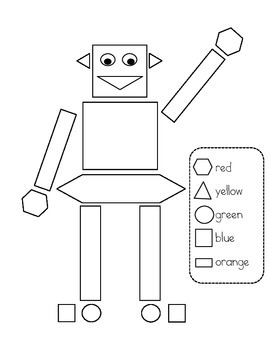
* Orange - - Yellow - - Pink

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**APPLICATION BASED WORKSHEET**

**Objective: To apply the concept based on numerical ability.**

My shape Robot



1)My robot has \_\_\_\_\_\_\_\_\_ circles.

2)My robot has \_\_\_\_\_\_\_\_\_ rectangles.

3)My robot has \_\_\_\_\_\_\_\_\_ squares.

4)My robot has \_\_\_\_\_\_\_\_\_ triangles.

5)My robot has \_\_\_\_\_\_\_\_\_ hexagons.

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**RIDDLES**

**Objective: To think logically.**

**Word problem:**

1.I have 4 sides all the same size and I have 4 corners.Who I am?\_\_\_\_\_\_\_\_\_\_\_\_.

2.I am thinking of an odd number,it is greater than 6 and less than 9.

What I am thinking? \_\_\_\_\_\_\_\_\_\_\_\_.

3.In a tree there was 7 birds A loud noise scared some birds,now there was only 3 birds in the tree.How many birds scared of loud noise?\_\_\_\_\_\_\_\_\_\_\_\_.

4.Today is Monday my birthday has 5 many more days. When is my birthday on?\_\_\_\_\_\_\_\_\_\_\_\_.

5.You have to share your 12 candy with your friend,How many will each get?\_\_\_\_\_\_\_\_\_\_\_\_.

6.Sam has 9 balloons,3 are red 4 are blue and 2 are yellow.How many balloons are there in red and yellow colour?\_\_\_\_\_\_\_\_\_\_\_\_.

7.Can you solve;

**+ = 15**

**\_ = 5**

**X = \_\_\_\_**

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**7.JUGS AND MUGS**

**CONCEPT BASED WORKSHEET**

**Objective: To know the estimating concept.**

**Circle the objects that holds more than the other in each pair.**

|  |  |
| --- | --- |
| Related image Related image | Related image Image result for pictures of drawings 2l coke |
| Related image | Related image |
| Related imageRelated image |  |

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**MEASURING UNIT**

**Objective :To know the measuring volume.**

**Estimate the each object can hold. Then find the actual amount that the container can hold.**

|  |  |  |
| --- | --- | --- |
| **Item** | **Estimate** | **Actual** |
| Related image | \_\_\_\_\_\_\_\_ spoons. | \_\_\_\_\_\_\_\_ spoons. |
| Related image | \_\_\_\_\_\_\_\_ glasses. | \_\_\_\_\_\_\_\_ glasses. |
| Related image | \_\_\_\_\_\_\_\_ glasses. | \_\_\_\_\_\_\_\_ glasses. |
| Related image | \_\_\_\_\_\_ waterbottles . | \_\_\_\_\_\_ waterbottles . |
| Related image | \_\_\_\_\_\_\_\_ glasses. | \_\_\_\_\_\_\_\_ glasses. |
| Related image | \_\_\_\_\_\_\_\_ pots. | \_\_\_\_\_\_\_\_ pots. |
| Image result for drawing picture glass | \_\_\_\_\_\_\_\_ spoons. | \_\_\_\_\_\_\_\_ spoons. |

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**LEARNING THE UNITS**.

**Objective: To know the units for the liquids.**

**Read and write the answers:**

|  |
| --- |
| 1000ml = 1 l.  ml = milli litre  l = litre |

Convert l (litre) into ml (millilitre) and viceversa:

1)5 l = \_\_\_\_\_\_\_ ml.

2) 7 l = \_\_\_\_\_\_\_ ml.

3)9 l = \_\_\_\_\_\_\_ ml.

4)2 l = \_\_\_\_\_\_\_ ml.

5)11 l = \_\_\_\_\_\_\_ ml.

6)6 l = \_\_\_\_\_\_\_ ml.

7)4 l = \_\_\_\_\_\_\_ ml.

8)2.5 l = \_\_\_\_\_\_\_ ml.

9)8 l = \_\_\_\_\_\_\_ ml.

10)12 l = \_\_\_\_\_\_\_ ml.

11)9.2 l = \_\_\_\_\_\_\_ ml.

12)7.1 l = \_\_\_\_\_\_\_ ml.

13)6.3 l = \_\_\_\_\_\_\_ ml.

14)1 l = \_\_\_\_\_\_\_ ml.

15)3 l = \_\_\_\_\_\_\_ ml.

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**PEN PAPER TEST**

**Objective: To apply the concept.**

**Solve the following word problems:**

1)Seena filled 9 pots with water. She fills 100ml on each pots. How much water she filled in all the pots? \_\_\_\_\_\_\_\_\_\_\_\_\_.

2)There are 3 empty bottles in a bench. Each bottle can hold 1l of juice.How much juice is required to fill all the bottles? \_\_\_\_\_\_\_\_\_\_\_\_\_.

3) Solve: 630 *ml + 370 ml* = \_\_\_\_\_\_\_\_\_*l.*

4) A cow can give 8*l* of milk a day. How much milk can cow give in 3 days? \_\_\_\_\_\_\_\_\_\_\_\_\_.

5)The volume of 1 cane of slice is 500 ml . What is the volume of 5 cane? \_\_\_\_\_\_\_\_\_\_\_\_\_.

6) Magil ask Abi to fill a glass with 10ml of water . How much glass can he fills with 50ml of water?\_\_\_\_\_\_\_\_\_\_\_\_\_.

7)Vedha had 7l of lime juice in that vedha and his friend Karthi drank 3l of juice. How much juice is remaining with Vedha?\_\_\_\_\_\_\_\_\_\_\_\_\_.

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