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**GRADE IV**

**MATHEMATICS**

**DAILY PRACTICE PAPER**

**[DPP]**

**2019-2020**

**POST MID TERM**

**6. THE JUNK SELLER**

 **ABILITY TO COMPUTE**

**Objective: To calculate the value of money**

**I. Find the value of the following notes:**

* 1. 5 notes of `100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ f.12 notes of `5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. 10 notes of `10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ g.15 notes of `50 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. 6 notes of `2000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ h.8 notes of `20 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. 14 notes of `2 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ i.10 notes of ` 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	5. 20 notes of `50 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ j.8 notes of ` 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**II.How many?**

a. \_\_\_\_\_\_\_\_\_\_\_\_ 50 rupee notes are needed to make `200\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. \_\_\_\_\_\_\_\_\_\_\_\_ 100 rupee notes are needed to make `800\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. \_\_\_\_\_\_\_\_\_\_\_\_ 20 rupee notes and \_\_\_\_\_\_\_\_\_\_\_\_ 10 rupee notes are needed to make `190.

d. \_\_\_\_\_\_\_\_\_\_\_\_ 50 rupee notes and \_\_\_\_\_\_\_\_\_\_\_\_ 10 rupee note are needed to make `270.

e. \_\_\_\_\_\_\_\_\_\_\_\_ 2000 rupee notes and \_\_\_\_\_\_\_\_\_\_ 500 rupee notes are needed to make `7000.

f. \_\_\_\_\_\_\_\_\_\_\_\_ 2000 rupee notes are needed to make `10000.

g. \_\_\_\_\_\_\_\_\_\_\_\_500 rupee note , \_\_\_\_\_\_\_\_\_\_\_\_100 rupee note and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5 rupee coins are needed to make `620.

h. \_\_\_\_\_\_\_\_\_\_\_\_ 500 rupee notes, \_\_\_\_\_\_\_\_\_\_\_\_ 100 rupee and \_\_\_\_\_\_\_\_\_\_\_\_10 rupee notes are needed to make `910.

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**MULTIPLICATION USING BOX METHOD**

**Objective: To multiply the given numbers using box method**

**1.Multiply the following using box or split method**

a. 25 x 98 b. 28x75

c. 186 x 45 d. 132 x 61

2. **If a person earns** `**73 a day, find how much he earns in:**

a.7 days = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. 6 weeks = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c.89 days = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d.17 weeks = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**FIND THE INTEREST**

**Objective: To calculate the interest paid**

**1. Calculate the interest paid:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **AMOUNT** | **AMOUNT WITH INTEREST** | **INTEREST** |
| 1 | `600 | `680 |  |
| 2 | `5000 | `5500 |  |
| 3 | `.956 | `1500 |  |
| 4 | `.678 | `1000 |  |
| 5 | `.723 | `.850 |  |

**2.Complete the table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.NO** | **ITEM** | **BOUGHT FOR** | **SOLD FOR** | **PROFIT OR LOSS** | **BY HOW MUCH?** |
| 1 | 1 Kg Peas | `32 | `40 |  |  |
| 2 | 2 Kg Apples | `108 | `119 |  |  |
| 3 | 10 Pencils | `36 | `43 |  |  |
| 4 | 30 Note books | `125 | `118 |  |  |
| 5 | 1 Radio | `300 | `125 |  |  |
| 6 | 1 TV | `10,000 | `9999 |  |  |
| 7 | Table | `325 | `650 |  |  |

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**Problem Solving Ability**

**Objective: To solve the word problems**

**Solve:**

a. Cost of one potato bun is `6. Ram bought 5 buns. He gave `50 to the shopkeeper. How much money should he get back?

**2.Read the following table and answer the following questions below**:

|  |  |  |
| --- | --- | --- |
| **S.NO** | **ITEM** | **PRICE** |
|  |  |  |
| 1 | 5 Erasers | `35 |
|  |  |  |
| 2 | 15 Pencils | `60 |
|  |  |  |
| 3 | 2 Markers | `92 |
|  |  |  |
| 4 | 4 Staplers | `110 |
|  |  |  |
| 5 | 4 Sharpener | ` 8 |
|  |  |  |

1. 30 erasers cost \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 8 Staplers cost \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 12 sharpeners cost \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**8.CARTS AND WHEELS**

**TRACING THE CIRCLES**

**Objective: To draw the circles using different objects**

1. **Trace circles of different sizes using bangles, coins, bottle caps and such other circular objects. Color the smallest circle in red and the biggest circle in green.**

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**DIAMETER AND RADIUS**

**Objective: To find the diameter and radius**

1. Draw the radius and diameter of the given circles and measure it and find the relationship between radius and diameter

Circle A

Radius : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Diameter: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle B

Radius : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Diameter: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Relationship between Radius and Diameter :**

Diameter = \_\_\_\_\_\_\_\_\_\_\_\_ X Radius

Radius = \_\_\_\_\_\_\_\_\_\_\_\_

 2

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**DEFINITIONS AND CONCEPTS**

**Objective: To know the definitions.**

1. **Fill in the blanks:**

**( Hint: Circumference, diameter, radius, circle)**

* + 1. A \_\_\_\_\_\_\_\_\_\_\_\_ is a simple closed curve.
		2. \_\_\_\_\_\_\_\_\_\_\_\_\_ is the line that runs between the circle and its centre.
		3. \_\_\_\_\_\_\_\_\_\_\_\_\_ divides the circle into two equal halves.
		4. \_\_\_\_\_\_\_\_\_\_\_\_\_is the distance around the circle; it is the length of the circle.

**2. Using compass, draw circles of the given radius.**

**a. 3 cm**

**b. 4 cm**

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**RADIUS AND DIAMETER**

**Objective: To find the diameter using the given radii and vice versa**

**I Fill in the column:**

|  |  |
| --- | --- |
| **RADIUS** | **DIAMETER** |
| 4 cm |  |
|  | 12 cm |
|  | 6 cm |
| 8 cm |  |
|  | 10 cm |
| 2 cm |  |
| 7cm |  |

[ Hint: Diameter = 2 X Radius Radius = diameter / 2 ]

**II Draw a circle with a radius 6 cm. With the same centre draw another circle of radius 4 cm. Within this circle, draw a third circle of radius 2 cm within this circle**.

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**11.TABLES AND SHARES**

**UNDERSTANDING BASIC CONCEPTS**

**Objective:To understand the arrangement in tables**

**1. Write the arrangements of these objects in row and columns (multiplication facts)**

a) b)  c)

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

**2. Arrange in three different ways in rows and columns:**

1. 15 toys
2. 28 balls

**3. Write these in repeated addition form**

a) 10 x 1 = b) 3 x 2=

c) 6 x 5 = d) 2 x 3=

e) 7 x 4 = f) 9 x 4 =

g) 4 x 5 = h) 10 x 5 =

|  |  |  |
| --- | --- | --- |
| **4.** | **Find the product of** |  |
|  | a) 65 x 35 |  b) 102 x 84 |

 c) 342 x 73 d) 659 x 84

e) 903 x 23 f) 760 x 47

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**PROBLEM SOLVING ABILITY**

**Objective: To solve the given word problems**

**1. Answer the following:**

1. **Meera plants 70 saplings in 10 rows. How many saplings are there in each row?**
2. **You have to distribute 54 oranges equally in 3 baskets. How many oranges will there be in each basket?**

**2. Multiplication by 10,100,1000 :**

a.345 x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. 896 x 0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. 405 x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d. 320 x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e. 89 x 1000 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

f. 274 x 0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

g. 694 x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

h. 986 x 10 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

i. 573 x 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 **DIVISION**

**Objective: To divide the given numbers**

**1.Divide**

|  |  |  |
| --- | --- | --- |
| a) 28 / 4 = | b) 14/ 2 = | c) 36/ 9 = |
| d) 25 /5 = | e) 100/ 10 = | f) 27/3= |
| g) 44/4= | h) 54/6 = | i) 64/ 8= |

2.**Anu wants change for ` 100**

How many notes will she get if she wants change?

1. All 50 rupee notes? \_\_\_\_\_\_\_\_\_\_\_
2. All 10 rupee notes ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. All 20 rupee notes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. All 5 rupee coins ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3) Divide and find the quotient:**

a) 65 ÷ 5 b) 108 ÷ 9 c) 428 ÷ 2

d) 345 ÷ 8 e) 891 ÷ 7 f) 210 ÷ 6

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**13.FIELDS AND FENCES**

**ABILITY TO COMPUTE**

**Objective: To find the perimeter**

1. Find the perimeter of the following squares whose sides are given.

a. 5 cm c)10 m

b. 7 cm

**a) Find the perimeter of rectangle whose length and breadth are given.**

(i) Length = 7 cm ;breadth = 5 cm

(ii) Length = 12 cm ;breadth = 8 cm

(iii) Length = 15 cm ;breadth = 10 cm

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**BOUNDARY OF SIMPLE POLYGONS**

**Objective: To find the boundary of the given figures:**

**1. Find the boundary of the given figures.**

a. 4 cm b. 5 cm

c. 2 cm d. 6 cm

e. 5 cm f. 10 cm

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**WORD PROBLEMS**

**Objective: To solve the given word problems**

**Answer the following:**

1.Find the boundary around a square field of sides are

 a.13m

b. 65 cm.

2.Find the distance around a rectangular table of length 50 cm and width of 20m.

3. Find the length of the barbed wire required to go around 4 times a rectangular field 63m and width of 35 m.

4. A square garden is 200m long. How much wire will be needed for fencing around is 3 times?

5. Arun runs a circular play ground of length 103m and 55cm and Ajay runs a play ground of length 97m and 85cm. What is the difference in distance?

6.Ram walks around a rectangular field of length 6m and 25cm and Tanish walk around a rectangular field of length 4m 80cm .Who walks a greater distance and by how much?

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