



# AnandNiketan

## Maninagar Campus

Grade : IV	Subject : Mathematics	Date :
Name :	Empower –I Practice Worksheet	Roll No.

Syllabus for Empower 1 (Term 1 Book) Ch:4 Multiplication Ch:5 Division (Term 2 Book) Ch:1 Factors and Multiples Ch:2 Geometry	(Empower I ) Written Test:26/9/19  Marks :- 50	Notebook submission 10 marks Subject Enrichment Activity :- Math buddy 10 marks Mental Math 05 marks Math Lab 05 marks
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### Q 1(A) Fill in the blanks:

- $185 \times 1 = \underline{\quad}$
- $1078 \times \underline{\quad} = 928 \times 1078$
- $\underline{\quad} \div 1 = 888$
- $0 \div 425 = \underline{\quad}$
- $\underline{\quad}$  is the smallest factor.
- The greatest factor of a number is the  $\underline{\quad}$
- $\underline{\quad}$  is not a factor of any number
- A number has  $\underline{\quad}$  factors.
- Multiples of a number is  $\underline{\quad}$ .
- Multiples of 2 are called  $\underline{\quad}$  numbers.
- A figure formed by joining two rays at their initial points is called an  $\underline{\quad}$ .
- A line segment with its end points on the circle is called a  $\underline{\quad}$  of the circle.
- $\underline{\quad}$  is the longest chord.

### Q 1(B) Multiplication or division by 10, 100 and 1000

- (1)  $52,178 \times 10$     (2)  $499 \times 100$     (3)  $91 \times 1000$     (4)  $1,728 \div 10$     (5)  $5682 \div 1000$

### Q 2(A) Draw line segments of the following lengths:

- (1) 5 cm    (2) 7 cm    (3) 8 cm    (4) 3 cm

### Q 2(B) Identify the angles as acute, obtuse, straight or right using their measures:

- (1)  $117^\circ$     (2)  $30^\circ$     (3)  $178^\circ$     (4)  $90^\circ$     (5)  $130^\circ$     (6)  $180^\circ$

### Q 3(A) List the first five multiples of the following numbers

- (1) 10    (2) 18    (3) 20    (4) 15    (5) 19

### Q 3(B) Write the factors of the following numbers

- (1) 5    (2) 45    (3) 81    (4) 33    (5) 28

**Q 4(A) From the given list write down the numbers which are divisible by 2**

428, 375, 5015, 4998, 5329, 1000, 2011

**Q 4(B) From the given list write down the numbers which are divisible by 10**

1110, 2584, 36980, 9875, 3210, 5840

**Q 4(C) From the given list write down the numbers which are divisible by 5**

369, 258, 2845, 7410, 3620, 955

**Q 5(A) Find the product using expanded notation**

(1)  $15 \times 6$       (2)  $39 \times 8$       (3)  $115 \times 3$       (4)  $9 \times 515$       (5)  $8903 \times 6$

**Q 5(B) Find the product**

(1)  $59 \times 30$       (2)  $2547 \times 87$       (3)  $6742 \times 92$       (4)  $1225 \times 20$       (5)  $7134 \times 76$

**Q 6 (A) Divide the following using long division method and find the quotient and remainder**

(1)  $2315 \div 2$       (2)  $72845 \div 9$       (3)  $86344 \div 43$       (4)  $4787 \div 9$       (5)  $759 \div 15$

**Q 6(B) Divide the following by short cut method**

(1)  $4367 \div 40$       (2)  $6001 \div 30$       (3)  $9202 \div 90$

**Q 7(A) Draw the following angles using a protractor**

(1)  $75^\circ$       (2)  $98^\circ$       (3)  $150^\circ$       (4)  $60^\circ$       (5)  $123^\circ$

**Q 7(B) Draw circles with the given radius**

(1) 3 cm      (2) 5cm      (3) 2.5 cm      (4) 4cm

**Q 8(A) Find the diameter of the circle whose radius is given**

(1) 5cm      (2) 7cm      (3) 20cm      (4) 17cm

**Q 8(B) Find the radius of the circle whose diameter is given**

(1) 48cm      (2) 64 cm      (3) 70 cm      (4) 36cm

**Q 9(A) List the multiples of the following numbers; find out the common multiples and LCM**

(1) 32 and 40      (2) 20,30 and 60      (3) 15,6 and 10      (4) 6,14 and 15

**Q 9 (B) Find out the common factors and HCF of the following numbers**

(1) 24 and 30      (2) 27 and 81      (3) 10 and 25      (4) 36 and 48

**Q 10(A) Check whether the number is prime or composite by listing its factors**

(1) 67      (2) 89      (3) 15      (4) 27      (5) 95

**Q 10(B) Check the divisibility of the following numbers by 3, 6 and 9**

(1) 222      (2) 333      (3) 857      (4) 98

**Q 11(A) Find the Prime Factorization using factor tree**

- (1) 24            (2) 60            (3) 69            (4) 18            (5) 100

**Q 11 (B) Solve the following word problem.**

- (1) The weight of a box is 8485g. What is the total weight of 45 such boxes?
- (2) A football weighs 288g. What is the weight of 175 such footballs?
- (3) 5255 balls have to be filled in 34 boxes. How many balls will be filled in each box if all the boxes have the same number of balls? How many balls will be left out?
- (4) The product of two numbers is 4560. If one of them is 15, find the other number?
- (5) Find the dividend if the divisor is 35, the quotient is 161 and the remainder is 1.