



**DISTRICT PUBLIC SCHOOL & COLLEGE DEPALPUR**  
***Winter Vacation Homework***  
***Session 2020-21***

**Subject: Mathematics**



**Class: 4**

*Student's Name:* \_\_\_\_\_

*Father's Name:* \_\_\_\_\_

*Section:* \_\_\_\_\_

# **District Public School & College Depalpur**

2<sup>nd</sup> semester Block syllabi session 2020-21

Book: Mathematics (PTTB)

System of study: Semester

Grade: 4

## **Unit 5 :**

(Ex 5.2, 5.3, 5.4, 5.7, 5.8Q1(a- d),5.9 Q1  
(a,b)Q2(a,b)

## **Unit 6:**

(Ex 6.1, 6.2, 6.3)

## **Unit 7:**

(Ex 7.1Q1, Q3(a,c,d,g,i,k),7.2Q1(a,c,e,g,i),  
7.3, 7.4 Q1(a-f)

## **Unit 8 :**

(Ex 8.1, 8.2, 8.3, 8.4)

## **Unit 9 :**

(Ex 9.1, 9.2 Bar graphs only)

**Table (2-20)**

Date: 24<sup>th</sup> November, 2020

Day: Tuesday

## Unit 5: Fractions

### Exercise 5.2

Topic: Like And unlike fraction

Q: Circle the Like fraction in each of the following

a)  $\frac{1}{4}$   $\frac{3}{4}$   $\frac{5}{7}$   $\frac{8}{9}$

b)  $\frac{1}{3}$   $\frac{2}{3}$   $\frac{3}{7}$   $\frac{1}{9}$

c)  $\frac{7}{8}$   $\frac{2}{3}$   $\frac{5}{8}$   $\frac{1}{4}$

d)  $\frac{1}{9}$   $\frac{5}{6}$   $\frac{4}{9}$   $\frac{2}{9}$

e)  $\frac{5}{7}$   $\frac{1}{7}$   $\frac{2}{9}$   $\frac{3}{7}$

f)  $\frac{1}{6}$   $\frac{3}{5}$   $\frac{4}{7}$   $\frac{5}{6}$

Q) Learn and write table of 2

$2 \times 1 = 2$	
$2 \times 2 = 4$	
$2 \times 3 = 6$	
$2 \times 4 = 8$	
$2 \times 5 = 10$	

$2 \times 6 = 12$	
$2 \times 7 = 14$	
$2 \times 8 = 16$	
$2 \times 9 = 18$	
$2 \times 10 = 20$	
$2 \times 11 = 22$	
$2 \times 12 = 24$	

Date: 25<sup>th</sup> November, 2020

Day: Wednesday

### Exercise 5.3

#### Topic: Comparing And ordering Like fractions

Q1: Compare the fractions using symbol “ < ” or “ > ”.

a)  $\frac{1}{8}$    $\frac{5}{8}$

b)  $\frac{5}{9}$    $\frac{2}{9}$

c)  $\frac{2}{7}$    $\frac{3}{7}$

d)  $\frac{7}{8}$    $\frac{3}{8}$

e)  $\frac{1}{5}$    $\frac{2}{5}$

f)  $\frac{6}{7}$    $\frac{4}{7}$

Q2: Arrange the following fractions in ascending order:

a)  $\frac{3}{5}$     $\frac{1}{5}$     $\frac{2}{5}$

Ascending order:

$\frac{1}{5}$     $\frac{2}{5}$     $\frac{3}{5}$

b)  $\frac{2}{7}$     $\frac{4}{7}$     $\frac{3}{7}$  : \_\_\_\_\_

c)  $\frac{5}{9}$     $\frac{2}{9}$     $\frac{1}{9}$  : \_\_\_\_\_

Q3: Arrange the following fractions in descending order:

a)  $\frac{1}{8}$     $\frac{5}{8}$     $\frac{3}{8}$

Descending order:

$\frac{5}{8}$     $\frac{3}{8}$     $\frac{1}{8}$

b)  $\frac{2}{5}$     $\frac{4}{5}$     $\frac{1}{5}$  : \_\_\_\_\_

c)  $\frac{7}{13}$     $\frac{3}{13}$     $\frac{5}{13}$  : \_\_\_\_\_

Q) Learn and write table of 3

$3 \times 1 = 3$	
$3 \times 2 = 6$	
$3 \times 3 = 9$	
$3 \times 4 = 12$	
$3 \times 5 = 15$	

$3 \times 6 = 18$	
$3 \times 7 = 21$	
$3 \times 8 = 24$	
$3 \times 9 = 27$	
$3 \times 10 = 30$	
$3 \times 11 = 33$	
$3 \times 12 = 36$	

Date: 26<sup>th</sup> November, 2020

Day: Thursday

### Exercise 5.4

**Topic: Addition and subtraction of like fractions**



Addition of  $\frac{6}{8}$  and  $\frac{7}{8}$  is

$$\frac{6}{8} + \frac{7}{8} = \frac{13}{8}$$

Q2: Find the sum of the following fractions:

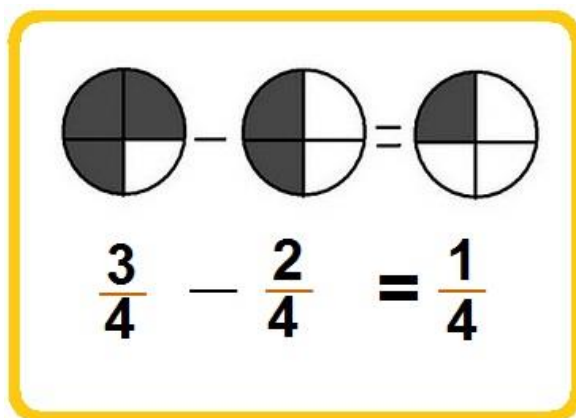
a)  $\frac{3}{5} + \frac{1}{5} =$

$$\text{b) } \frac{2}{4} + \frac{1}{4} = \square$$

$$\text{c) } \frac{2}{9} + \frac{5}{9} = \square$$

$$\text{c) } \frac{3}{8} + \frac{4}{8} = \square$$

Q3: Find the Difference of the following fractions



$$\text{a) } \frac{2}{3} - \frac{1}{3} = \square$$

$$\text{b) } \frac{2}{6} - \frac{1}{6} = \square$$

b)  $\frac{4}{7} - \frac{2}{7} =$

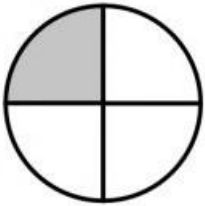
**Q)** Learn and write table of 4.

$4 \times 1 = 4$	
$4 \times 2 = 8$	
$4 \times 3 = 12$	
$4 \times 4 = 16$	
$4 \times 5 = 20$	
$4 \times 6 = 24$	
$4 \times 7 = 28$	
$4 \times 8 = 32$	
$4 \times 9 = 36$	
$4 \times 10 = 40$	
$4 \times 11 = 44$	
$4 \times 12 = 48$	

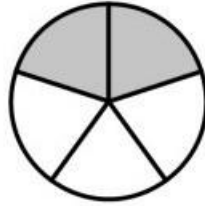


# Worksheet

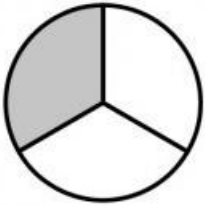
What is the fraction of the shaded part?



$\frac{1}{4}$



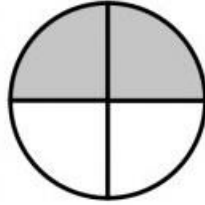
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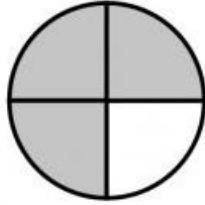
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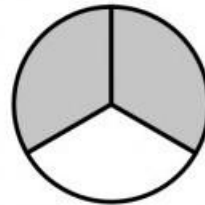
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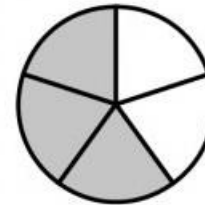
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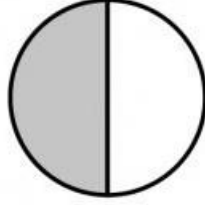
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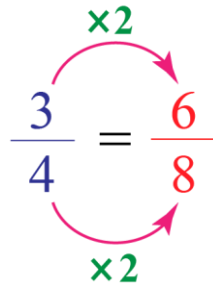
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Date: 27<sup>th</sup> November, 2020

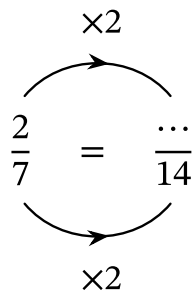
Day: Friday

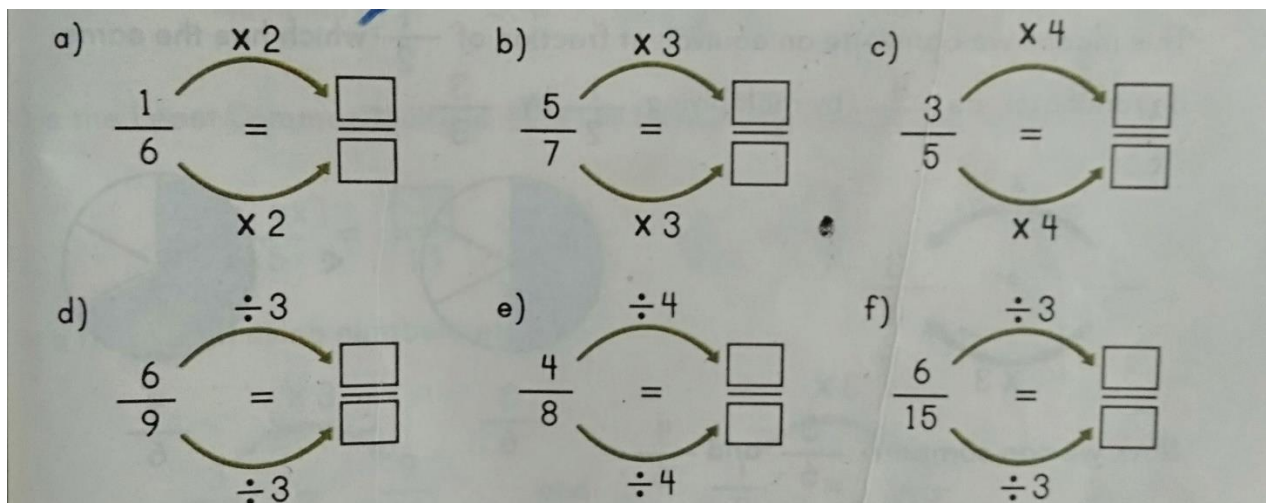
### Exercise 5.7

### Topic: Equivalent Fraction

$$\frac{3}{4} = \frac{6}{8}$$


Q1: Find Equivalent fraction of the following:

$$\frac{2}{7} = \frac{\dots}{14}$$




a)  $\frac{1}{6} = \frac{\square}{\square}$  (Multiplier:  $\times 2$ )

b)  $\frac{5}{7} = \frac{\square}{\square}$  (Multiplier:  $\times 3$ )

c)  $\frac{3}{5} = \frac{\square}{\square}$  (Multiplier:  $\times 4$ )

d)  $\frac{6}{9} = \frac{\square}{\square}$  (Multiplier:  $\div 3$ )

e)  $\frac{4}{8} = \frac{\square}{\square}$  (Multiplier:  $\div 4$ )

f)  $\frac{6}{15} = \frac{\square}{\square}$  (Multiplier:  $\div 3$ )

Q2) Find the missing numbers in the following pair of equivalent fractions:

$$\frac{2}{4} = \frac{4}{8}$$

How to Guides to Learn

$$\frac{2}{3} = \frac{\quad}{15}$$

$$\frac{4}{5} = \frac{\quad}{10}$$

$$\frac{1}{5} = \frac{\quad}{15}$$

$$\frac{3}{4} = \frac{\quad}{12}$$

$$\frac{1}{2} = \frac{\quad}{6}$$

$$\frac{1}{3} = \frac{\quad}{15}$$

$$\frac{3}{8} = \frac{\quad}{16}$$

$$\frac{1}{4} = \frac{\quad}{8}$$

Q) Learn and write table of 5.

$5 \times 1 = 5$	
$5 \times 2 = 10$	
$5 \times 3 = 15$	
$5 \times 4 = 20$	
$5 \times 5 = 25$	
$5 \times 6 = 30$	
$5 \times 7 = 35$	
$5 \times 8 = 32$	
$5 \times 9 = 45$	
$5 \times 10 = 50$	
$5 \times 11 = 55$	
$5 \times 12 = 60$	

Date: 28<sup>th</sup> November, 2020

Day: Saturday

### Exercise 5.8

#### Topic: Comparing Unlike fraction

Q1: Compare the fraction using symbols of "< or > "

a)  $\frac{1}{2}$    $\frac{1}{4}$

Solution:

$$= \frac{1}{2} \times \frac{2}{2} \boxed{>} \frac{1}{4}$$

$$= \frac{2}{4} \boxed{>} \frac{1}{4}$$

b)

$$\frac{1}{2} \boxed{\phantom{>}} \frac{5}{8}$$

c)  $\frac{2}{9} \boxed{\phantom{>}} \frac{1}{3}$

d)

$$\frac{1}{2} \boxed{\phantom{>}} \frac{2}{6}$$

**Q)** Learn and write table of 6.

$6 \times 1 = 6$	
$6 \times 2 = 12$	
$6 \times 3 = 18$	
$6 \times 4 = 24$	
$6 \times 5 = 30$	
$6 \times 6 = 36$	
$6 \times 7 = 42$	
$6 \times 8 = 48$	
$6 \times 9 = 54$	
$6 \times 10 = 60$	
$6 \times 11 = 66$	
$6 \times 12 = 72$	

Date: 30<sup>th</sup> November, 2020

Day: Monday

### **Exercise 5.9**

**Topic: Addition And subtraction of Unlike fraction**

Q1: Find the sum of the following unlike fractions:

a)  $\frac{2}{9} + \frac{1}{3} =$

Solution:

$$= \frac{2}{9} + \frac{1}{3} \times \frac{3}{3}$$

$$= \frac{2}{9} + \frac{3}{9}$$

$$= \frac{5}{9}$$

$$\text{a) } \frac{2}{9} + \frac{1}{3} = \boxed{\phantom{00}}$$

$$\text{b) } \frac{1}{4} + \frac{3}{8} = \boxed{\phantom{00}}$$

Q2: Find the Difference of the following unlike fractions:

$$\text{a) } \frac{5}{6} - \frac{1}{2} = \boxed{\frac{2}{6}}$$

Solution:

$$= \frac{5}{6} - \frac{1}{2} \times \frac{3}{3}$$

$$= \frac{5}{6} - \frac{3}{6}$$

$$= \frac{2}{6}$$

$$\text{a) } \frac{5}{6} - \frac{1}{2} = \boxed{\phantom{00}}$$

b)  $\frac{5}{8} - \frac{1}{4} = \square$

Q) Learn and write table of 7.

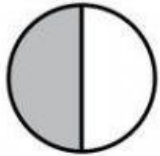
$7 \times 1 = 7$	
$7 \times 2 = 14$	
$7 \times 3 = 21$	
$7 \times 4 = 28$	
$7 \times 5 = 35$	
$7 \times 6 = 42$	
$7 \times 7 = 49$	
$7 \times 8 = 56$	
$7 \times 9 = 63$	
$7 \times 10 = 70$	
$7 \times 11 = 77$	
$7 \times 12 = 84$	



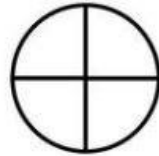
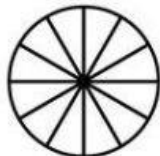
# Worksheet

## Comparing Fractions

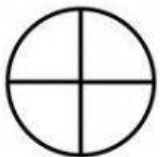
Shade and use  $>$ ,  $<$ , or  $=$  to compare the fractions.



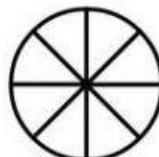
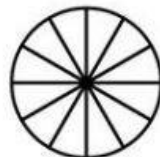
$$\frac{1}{2} > \frac{1}{3}$$



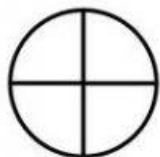
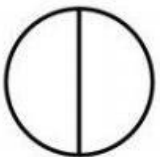
$$\frac{4}{12} \square \frac{2}{4}$$



$$\frac{3}{4} \square \frac{2}{3}$$



$$\frac{6}{12} \square \frac{3}{8}$$



$$\frac{1}{2} \square \frac{3}{4}$$



$$\frac{2}{4} \square \frac{2}{5}$$

## Unit 5

### MCQ'S

Q:Four possible options have been given.Encircle the correct one.

(i)Unlike fraction have \_\_\_\_\_ denominator.

a)Different      b)same      c)equal      d)none

(ii)Like fraction have \_\_\_\_\_ denominator.

a)same      b)different      c)equal      d)none

(iii) $\frac{1}{2}$  and  $\frac{1}{3}$  are \_\_\_\_\_ fractions.

a)Improper      b)like      c)unlike      d)equal

(iv) $\frac{1}{3} = \frac{10}{\quad}$

a)3      b)30      c)10      d)1

(v) $\frac{5}{7}$    $\frac{1}{7}$

(i)<      b)>      c)=      d)none

Q:Fill in the blanks:

(i)Like Fraction have \_\_\_\_\_ denominator.

(ii)Unlike Fraction have \_\_\_\_\_ denominator.

(iii) $\frac{1}{8}$  and  $\frac{3}{8}$  are \_\_\_\_\_ fractions.

$$(iv) \frac{3}{8} + \frac{4}{8} = \underline{\hspace{2cm}}$$

$$(v) \frac{5}{8} - \frac{1}{8} = \underline{\hspace{2cm}}$$

Date: 1<sup>st</sup> December, 2020

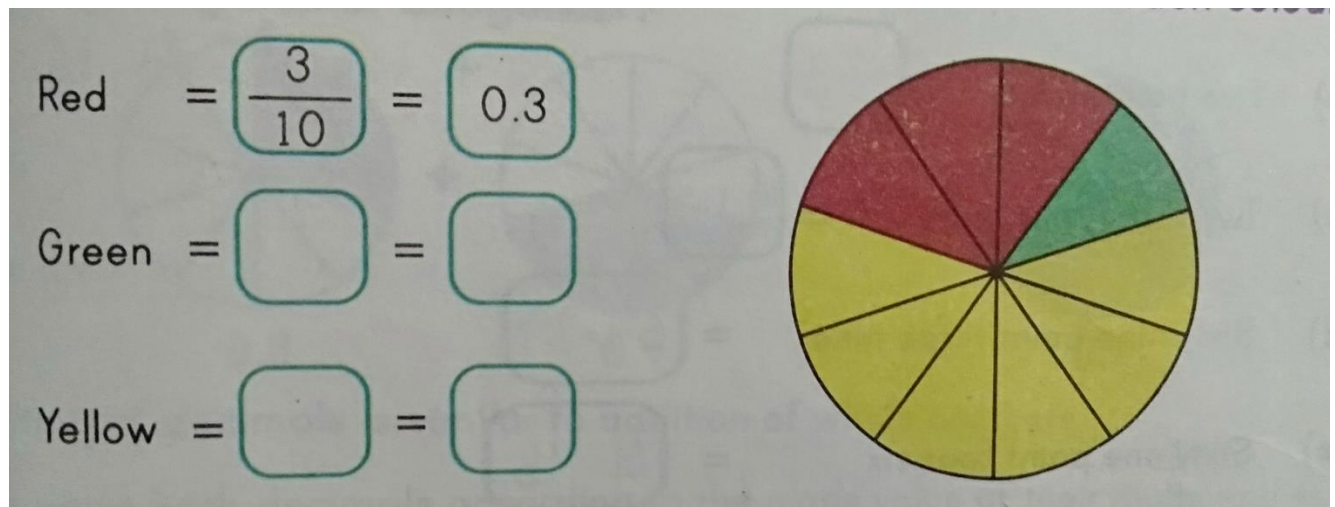
Day: Tuesday

## Unit 6

### Decimals and Fractions

#### Exercise 6.1

1: The circle is divided into 10 parts and they are coloured with three colours. Write the fraction and decimal for each colour.



2: write the following fraction as decimal.

a)  $\frac{7}{10} = \boxed{0.7}$

b)  $\frac{6}{10} = \underline{\hspace{2cm}}$

c)  $\frac{9}{10} =$  \_\_\_\_\_

d)  $\frac{71}{100} =$  \_\_\_\_\_

e)  $\frac{2}{100} =$  \_\_\_\_\_

f)  $\frac{43}{100} =$  \_\_\_\_\_

g)  $\frac{31}{100} =$  \_\_\_\_\_

h)  $\frac{5}{100} =$  \_\_\_\_\_

2. Write the following as decimals.

a) Zero point five = 0.5

b) Five point three = \_\_\_\_\_

c) Two point four three = \_\_\_\_\_

d) Sixty nine point three nine = \_\_\_\_\_

e) Sixty one point four six = \_\_\_\_\_

f) Two hundred and fifty seven point three one =

\_\_\_\_\_

3. Write the following decimals in words.

a) 0.31 = zero point three one.

b) 2.31 = \_\_\_\_\_

c) 4.32 = \_\_\_\_\_

d)  $0.9 =$  \_\_\_\_\_

e)  $78.11 =$  \_\_\_\_\_

f)  $19.43 =$  \_\_\_\_\_

4. Identify the place value of underlined digit.

a)  $1.\underline{2} = \underline{0.2}$ .

b)  $25.\underline{7} =$  \_\_\_\_\_

c)  $2.6\underline{2} =$  \_\_\_\_\_

d)  $41.\underline{4} =$  \_\_\_\_\_

e)  $13.\underline{8}7 =$  \_\_\_\_\_

f)  $36.8\underline{1} =$  \_\_\_\_\_

**Q)** Learn and write table of 8.

$8 \times 1 = 8$	
$8 \times 2 = 16$	
$8 \times 3 = 24$	
$8 \times 4 = 32$	
$8 \times 5 = 40$	
$8 \times 6 = 48$	
$8 \times 7 = 56$	
$8 \times 8 = 64$	
$8 \times 9 = 72$	
$8 \times 10 = 80$	

$8 \times 11 = 88$	
$8 \times 12 = 96$	

Date: 2<sup>nd</sup>December,2020

Day: Wednesday

## Exercise 6.2

### Topic: Adding Decimals

1. Add the Following

a)  $0 . 3$

+  $0 . 6$

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b)  $3 . 4$

+  $5 . 3$

---

---

c)  $0 . 34$

+  $0 . 53$

---

---

d)  $4 . 52$

+  $3 . 24$

---

---

e)  $2 . 71$

+  $1 . 35$

---

---

f)  $15 . 35$

+  $12 . 60$

---

---

$$\text{g) } 25.09$$

$$+ 23.93$$

---

---

$$\text{h) } 14.39$$

$$+ 23.78$$

---

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$$\text{i) } 15.37$$

$$+ 17.32$$

---

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$$\text{j) } 28.56$$

$$+ 31.23$$

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2. Line up the following decimals in vertical columns and find their sum:

a)  $0.1 + 0.5 = \underline{0.6}$

b)  $1.2 + 1.7 = \underline{\hspace{2cm}}$

c)  $5.21 + 3.27 = \underline{\hspace{2cm}}$

d)  $14.11 + 21.34 = \underline{\hspace{2cm}}$

e)  $21.35 + 37.41 = \underline{\hspace{2cm}}$

**Q)** Learn and write table of 9.

$9 \times 1 = 9$	
$9 \times 2 = 18$	
$9 \times 3 = 27$	
$9 \times 4 = 36$	
$9 \times 5 = 45$	

$9 \times 6 = 54$	
$9 \times 7 = 63$	
$9 \times 8 = 72$	
$9 \times 9 = 81$	
$9 \times 10 = 90$	
$9 \times 11 = 99$	
$9 \times 12 = 108$	

Date: 3<sup>rd</sup> December, 2020

Day: Thursday

### Exercise 6.3

#### Topic: Subtracting Decimals

1. Subtract the given decimals

a)  $0.9$

$- 0.5$

\_\_\_\_\_

\_\_\_\_\_

b)  $3.67$

$- 0.53$

\_\_\_\_\_

\_\_\_\_\_

c)  $4.75$

$- 2.37$

\_\_\_\_\_

\_\_\_\_\_

d)  $6.78$

$- 3.45$

\_\_\_\_\_

\_\_\_\_\_



$$\text{e) } 8 . 4 5$$

$$\underline{\quad} 3 . 2 7$$

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$$\text{g) } 8 . 7 3$$

$$\underline{\quad} 5 . 9 6$$

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$$\text{i) } 5 0 . 4 1$$

$$\underline{\quad} 1 5 . 3 2$$

---

---

$$\text{f) } \quad 9 . 7 5$$

$$\underline{\quad} 6 . 8 4$$

---

---

$$\text{h) } \quad 3 9 . 1 3$$

$$\underline{\quad} 3 7 . 2 6$$

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---

$$\text{j) } \quad 4 3 . 7 8$$

$$\underline{\quad} 2 1 . 5 4$$

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2. Line up the decimal according to place value of their digits and find their difference.

$$\text{a) } 0.7 - 0.3 = \underline{0.4}.$$

$$\text{b) } 1.5 - 1.2 = \underline{\quad}$$

$$\text{c) } 23.5 - 11.1 = \underline{\quad}$$

$$\text{d) } 91.7 - 52.3 = \underline{\quad}$$

$$\text{e) } 48.31 - 26.21 = \underline{\quad}$$

**Q)** Learn and write table of 10.

$10 \times 2 = 20$	
$10 \times 1 = 10$	
$10 \times 3 = 30$	
$10 \times 4 = 40$	
$10 \times 5 = 50$	
$10 \times 6 = 60$	
$10 \times 7 = 70$	
$10 \times 8 = 80$	
$10 \times 9 = 90$	
$10 \times 10 = 100$	
$10 \times 11 = 110$	
$10 \times 12 = 120$	

Date: 4<sup>th</sup> December,2020

Day: Friday

## Unit 6

### MCQ'S

Q:Four possible options have been given. Encircle the correct one.

(i)  $\frac{3}{8}$  means 3 out of \_\_\_\_\_

a)3      b)8      c)11      d)none

(ii)10 tenths = \_\_\_\_\_

a)100      b) 1/100      c)1      d)none

(iv)  $\frac{14}{10}$  in decimal will be \_\_\_\_\_

(a) 1.4      b) 0.14      c) 14.0      d) 0.04

(v) Zero point five will be written as \_\_\_\_\_

a) 0.05      b) 0.5      c) 00.5      d) 5.0

(vi)  $91.7 - 52.3 =$  \_\_\_\_\_

a) 49.4      b) 144.0      c) 59.4      d) 39.4

(vii) In 1.4 \_\_\_\_\_ is whole number part.

(a) A decimal has a whole number part, a fraction part that is separated by a \_\_\_\_\_

a) >      b) >      c) =      d) decimal point

(viii) Digit at tenth place in 50.41 is \_\_\_\_\_.

a) 5      b) 1      c) 0      d) 4

(ix)  $\frac{9}{100}$  in decimal will be \_\_\_\_\_.

(a) 0.9      b) 0.09      c) 0.90      d) 0.009

Q: Fill in the blanks:

(i) Zero point five as decimal will be \_\_\_\_\_.

(ii)  $0.1 + 0.5 =$  \_\_\_\_\_

(iii) Place value of underlined 2 in 1.2 is \_\_\_\_\_.

Date: 5<sup>th</sup> December, 2020

Day: Saturday

**Unit 7**  
**( Measurements )**

**Exercise 7.1**

**Topic: Length**

To solve this exercise we have to know that:

$$10 \text{ mm} = 1 \text{ cm}$$

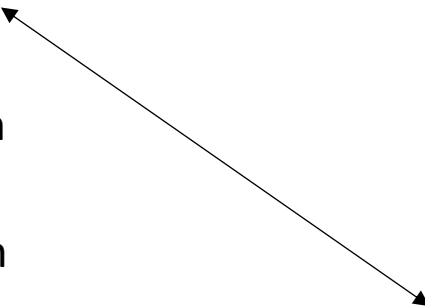
$$100 \text{ cm} = 1 \text{ m}$$

$$1000 \text{ m} = 1 \text{ km}$$

$$1000 \text{ ml} = 1 \text{ L}$$

1. Match with the correct answer.

5 km	17000 m
12 m	1200 cm
10 cm	4400 cm
41 m	40 mm
17 km	100 mm
44 m	5000 m
4 cm	4100 cm



2. Complete the following.

a)  $3 \text{ cm} = \underline{30} \text{ mm}$

solution:

$$= 3 \text{ cm}$$

$$= 3 \times 10 \text{ mm}$$

$$= 30 \text{ mm}$$

c)  $28 \text{ mm} = \underline{\quad} \text{ cm } \underline{\quad} \text{ mm}.$

d)  $31 \text{ mm} = \underline{\quad} \text{ cm } \underline{\quad} \text{ mm}.$

g)  $120 \text{ cm} = \underline{\quad} \text{ m } \underline{\quad} \text{ cm}.$

i)  $3 \text{ km} = \underline{\quad} \text{ m}.$

k)  $5200 \text{ m} = \underline{\quad} \text{ km } \underline{\quad} \text{ m}.$

Q) Learn and write table of 11.

$11 \times 1 = 11$	
$11 \times 2 = 22$	
$11 \times 3 = 33$	
$11 \times 4 = 44$	
$11 \times 5 = 55$	
$11 \times 6 = 66$	
$11 \times 7 = 77$	
$11 \times 8 = 88$	
$11 \times 9 = 99$	
$11 \times 10 = 110$	
$11 \times 11 = 121$	
$11 \times 12 = 132$	

Date: 7<sup>th</sup> December, 2020

Day: Monday

### Exercise 7.2

#### Topic: Mass and Capacity

1. Convert the following.

a)  $2\text{kg} = \underline{\quad\quad} \text{g}$ .

Solution:

$$= 2\text{kg}$$

$$= 2 \times 1000 \text{ g}$$

$$= 2000 \text{ g}$$

a)  $2\text{kg} = \underline{\hspace{2cm}} \text{ g}.$

c)  $1 \text{ kg } 500 \text{ g} = \underline{\hspace{2cm}} \text{ g}.$

e)  $4 \text{ kg } 200 \text{ g} = \underline{\hspace{2cm}} \text{ g}.$

g)  $5000 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ .

i)  $2 \text{ L } 200 \text{ mL} = \underline{\hspace{2cm}} \text{ mL}$ .

**Q)** Learn and write table of 12.

$12 \times 1 = 12$	
$12 \times 2 = 24$	
$12 \times 3 = 36$	
$12 \times 4 = 48$	
$12 \times 5 = 60$	
$12 \times 6 = 72$	
$12 \times 7 = 84$	
$12 \times 8 = 96$	



$12 \times 9 = 108$	
$12 \times 10 = 120$	
$12 \times 11 = 132$	
$12 \times 12 = 144$	

Date: 8<sup>th</sup> December, 2020

Day: Tuesday

### Exercise 7.3

#### Topic: Addition and subtraction

1. Add the following:

a)  $5 \text{ cm} \quad 4 \text{ mm}$

$+ 1 \text{ cm} \quad 3 \text{ mm}$

---

$6 \text{ cm} \quad 7 \text{ mm}$

---

b)  $1 \text{ cm} \quad 1 \text{ mm}$

$+ 9 \text{ cm} \quad 4 \text{ mm}$

---

c)  $18 \text{ m} \quad 59 \text{ cm}$

$+ 12 \text{ m} \quad 10 \text{ cm}$

---

d)  $9 \text{ km} \quad 200 \text{ m}$

$+ 10 \text{ km} \quad 110 \text{ m}$

---

e)  $5 \text{ kg} \quad 236 \text{ g}$

$+ 3 \text{ kg} \quad 120 \text{ g}$

---

f)  $43 \text{ kg} \quad 209 \text{ g}$

$+ 44 \text{ kg} \quad 241 \text{ g}$

---

2. Subtract the following:

a)  $17\text{ cm } 4\text{ mm}$

$\_ 16\text{ cm } 2\text{ mm}$

---

---

b)  $29\text{ cm } 9\text{ mm}$

$\_ 8\text{ cm } 0\text{ mm}$

---

---

c)  $42\text{ m } 55\text{ cm}$

$\_ 2\text{ m } 45\text{ cm}$

---

---

d)  $85\text{ km } 660\text{ m}$

$\_ 11\text{ km } 50\text{ m}$

---

---

e)  $6\text{ L } 540\text{ mL}$

$\_ 1\text{ L } 420\text{ mL}$

---

---

f)  $42\text{ L } 540\text{ mL}$

$\_ 41\text{ L } 420\text{ mL}$

---

---

**Q)** Learn and write table of 13.

$13 \times 1 = 13$	
$13 \times 2 = 26$	

$13 \times 3 = 39$	
$13 \times 4 = 52$	
$13 \times 5 = 65$	
$13 \times 6 = 78$	
$13 \times 7 = 91$	
$13 \times 8 = 104$	
$13 \times 9 = 117$	
$13 \times 10 = 130$	
$13 \times 11 = 143$	
$13 \times 12 = 156$	

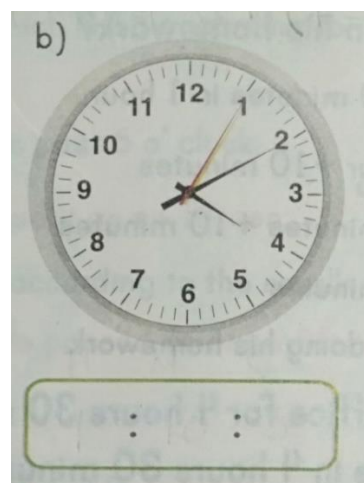
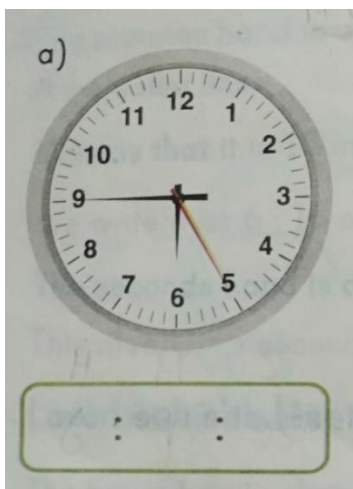
Date: 9<sup>th</sup> December, 2020

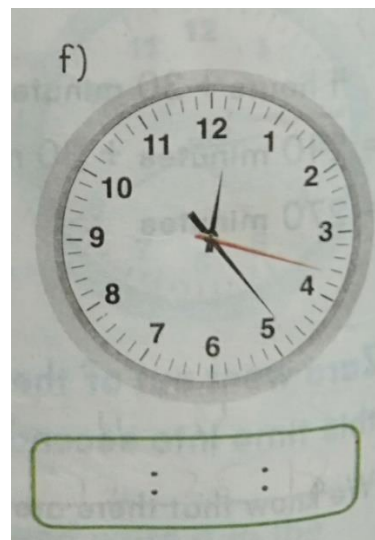
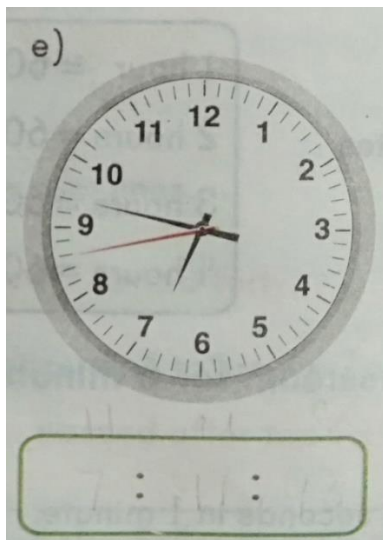
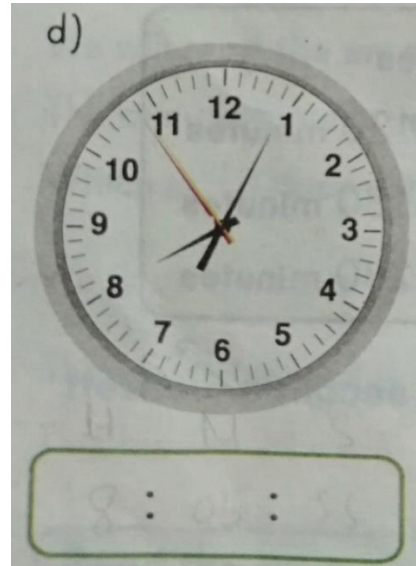
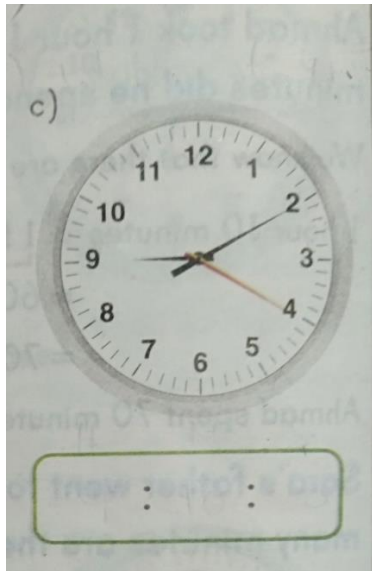
Day: Wednesday

### Exercise 7.4

#### Topic: Time

1. Read time in hours, minutes, and seconds.





**Q)** Learn and write table of 14.

$14 \times 1 = 14$	
$14 \times 2 = 28$	

$14 \times 3 = 42$	
$14 \times 4 = 56$	
$14 \times 5 = 70$	
$14 \times 6 = 84$	
$14 \times 7 = 98$	
$14 \times 8 = 112$	
$14 \times 9 = 126$	
$14 \times 10 = 140$	
$14 \times 11 = 154$	
$14 \times 12 = 168$	

Date: 10<sup>th</sup> December,2020

Day: Thursday

## Unit 7

### MCQ'S

Q:Four possible options have been given. Encircle the correct one.

i)Centi means one part out of \_\_\_\_\_.

a)10      b)100      c)1000      d)1

ii)1cm=\_\_\_\_\_mm.

a)1      b)100      c)10      d)1000

iii)Kilo means\_\_\_\_\_.

a)10      b)100      c)500      d)1000

iv)  $1\text{kg} = \underline{\hspace{2cm}}\text{g}$ .

a)1000    b)100    c)10    d)1

v)  $1000\text{ml} = \underline{\hspace{2cm}}\text{L}$ .

a)10    b)100    c)1    d)2

vi)  $1\text{kg}500\text{gm} = \underline{\hspace{2cm}}\text{g}$ .

a)1000    b)2500    c)1500    d)none

vii)  $1\text{ year} = \underline{\hspace{2cm}}\text{months}$ .

a)10    b)12    c)24    d)60

viii)  $\text{One week} = \underline{\hspace{2cm}}\text{days}$ .

a)2    b)3    c)7    d)60

Q: Fill in the blanks:

i)  $1\text{m} = \underline{\hspace{2cm}}\text{cm}$ .

ii)  $1\text{km} = \underline{\hspace{2cm}}\text{m}$ .

iii)  $1\text{ hour} = \underline{\hspace{2cm}}\text{minutes}$ .

iv)  $4\text{ weeks} = \underline{\hspace{2cm}}\text{days}$ .

Date: 11<sup>th</sup> December, 2020

Day: Friday

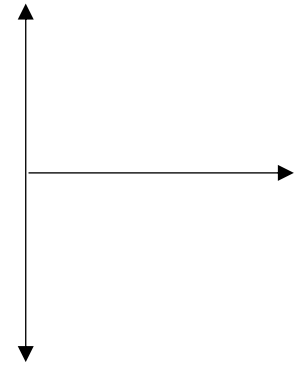
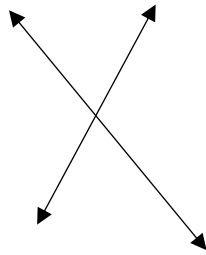
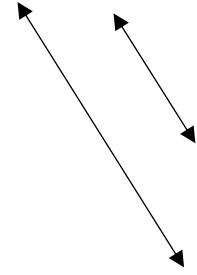
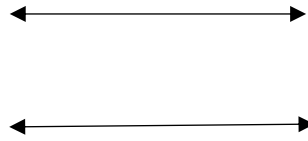
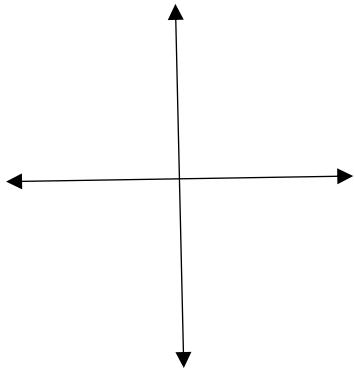
## Unit 8

### ( GEOMETRY )

#### Exercise 8.1

#### Topic: Line

1. Circle the pair of parallel and non parallel lines from the following:



**Q) Learn and write table of 15.**

$15 \times 1 = 15$	
$15 \times 2 = 30$	
$15 \times 3 = 45$	
$15 \times 4 = 60$	
$15 \times 5 = 75$	
$15 \times 6 = 90$	
$15 \times 7 = 105$	
$15 \times 8 = 120$	
$15 \times 9 = 135$	
$15 \times 10 = 150$	
$15 \times 11 = 165$	
$15 \times 12 = 180$	

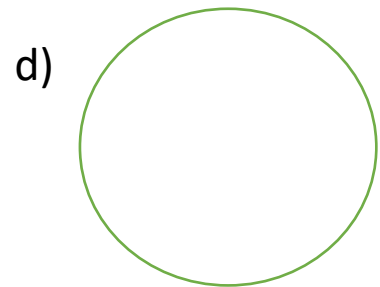
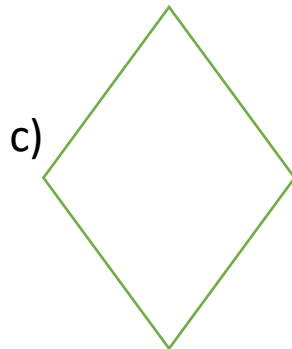
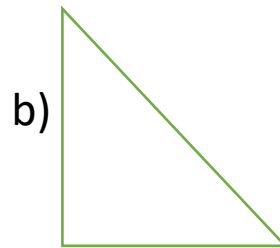
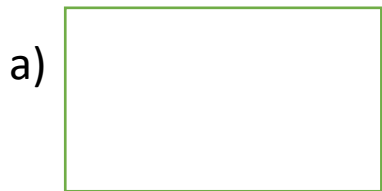
Date: 12<sup>th</sup> December, 2020

Day: Saturday

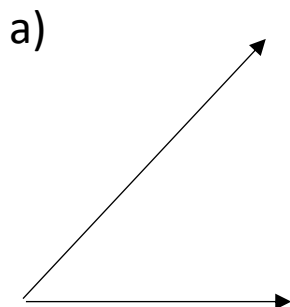
### Exercise 8.2

#### Topic: Identifying Angles

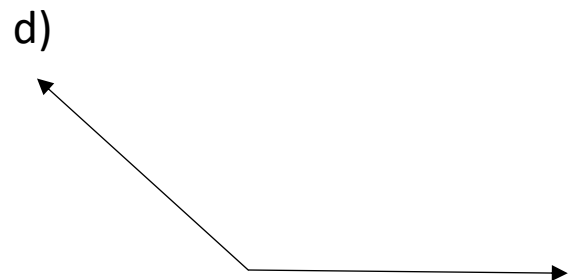
1. Mark right angles in the given shape:



2. Identify right angle, acute angle, and obtuse angles from below.



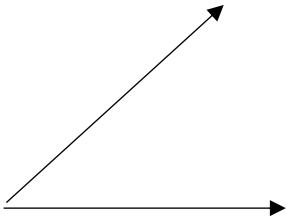
\_\_\_\_\_



\_\_\_\_\_

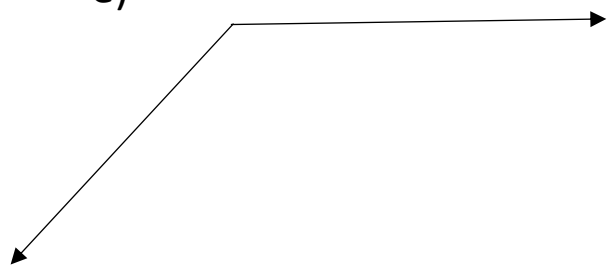


b)



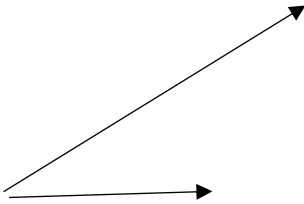
\_\_\_\_\_

e)



\_\_\_\_\_

c)



\_\_\_\_\_

f)



\_\_\_\_\_

**Q)** Learn and write table of 16.

$16 \times 1 = 16$	
$16 \times 2 = 32$	

$16 \times 3 = 48$	
$16 \times 4 = 64$	
$16 \times 5 = 80$	
$16 \times 6 = 96$	
$16 \times 7 = 112$	
$16 \times 8 = 128$	
$16 \times 9 = 144$	
$16 \times 10 = 160$	
$16 \times 11 = 176$	
$16 \times 12 = 192$	

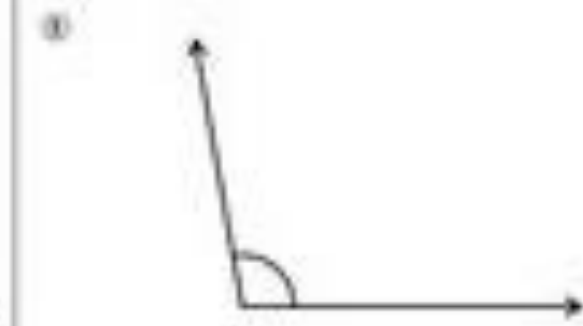
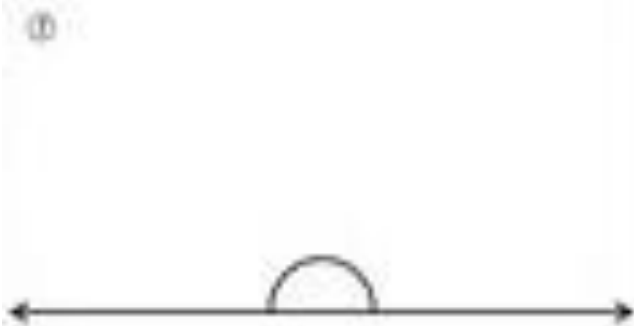
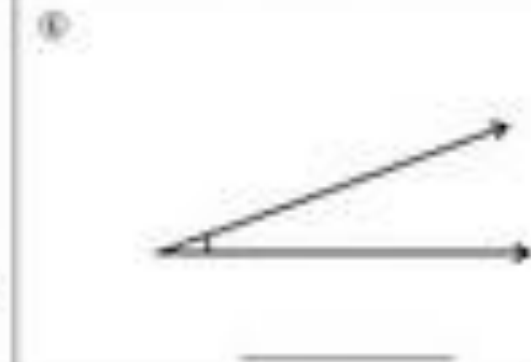
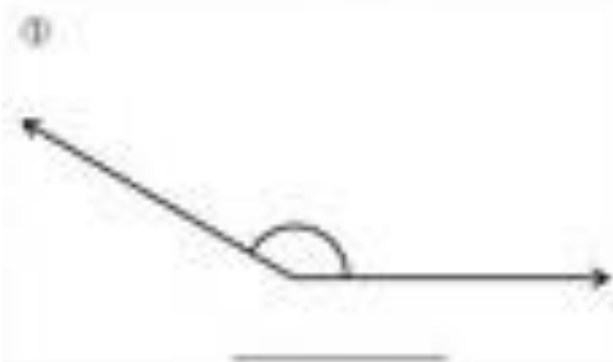
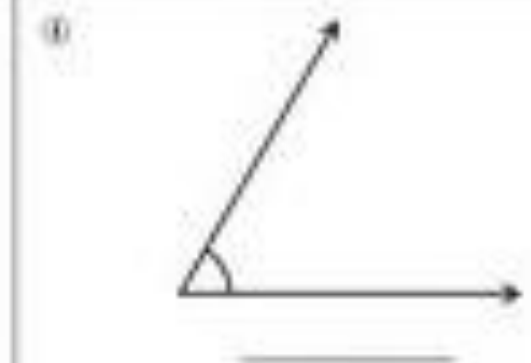
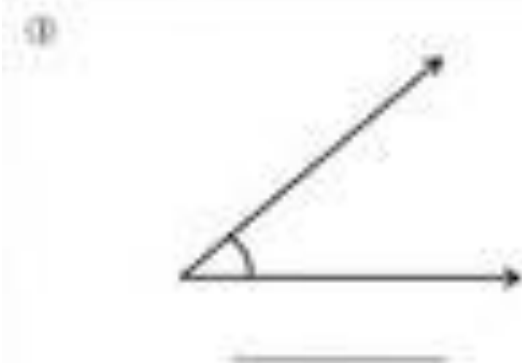
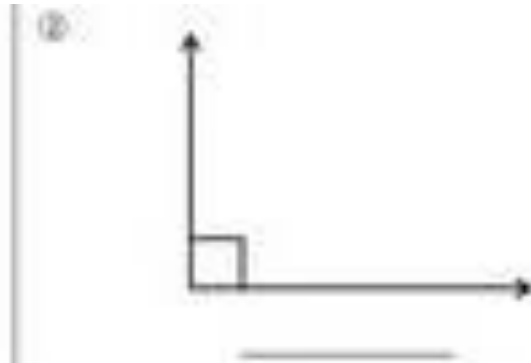
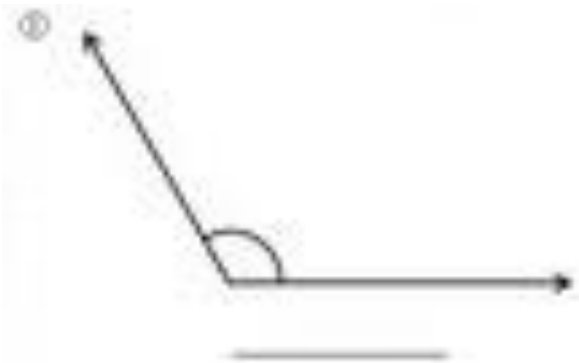
Date: 14<sup>th</sup> December, 2020

Day: Monday

### **Exercise 8.3**

#### **Topic: Measuring and drawing angles**

1. Use protractor to measure the following angles:



2. Use protractor to draw the following angles.

$$a) m\angle ABC = 40^\circ$$

$$b) m\angle LMN = 90^\circ$$

$$c) m\angle MNO = 70^\circ$$

$$d) m\angle ABC = 80^\circ$$

$$e) m\angle LMN = 120^\circ$$

$$f) m\angle MNO = 150^\circ$$

**Q)** Learn and write table of 17

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Date: 15<sup>th</sup> December, 2020

Day: Tuesday

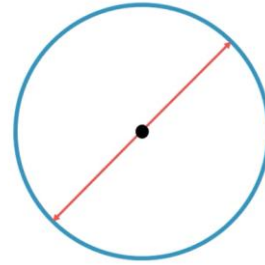
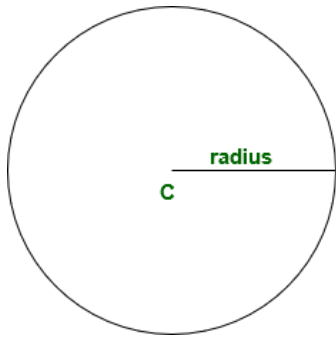
### **Exercise 8.4**

#### **Topic: Circle**

**Centre:** centre is a point from which all points on the circle are at the same distance.

**Radius:** A line segment from the centre of the circle to any point of the circle.

**Diameter:** A line segment from one point of the circle to any other point of the circle.



Diameter

**Q)** Learn and write table of 18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

**Q)** Learn and write table of 19.

$19 \times 1 = 19$	
$19 \times 2 = 38$	
$19 \times 3 = 57$	
$19 \times 4 = 76$	
$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	
$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

Date: 16<sup>th</sup> December, 2020

Day: Wednesday

## Unit 8

### MCQ'S

Q: Four possible options have been given. Encircle the correct one.

i) A \_\_\_\_\_ is a straight path without thickness.

a) Circle    b) triangle    c) line    d) none

ii) A ray extends in \_\_\_\_\_ directions.

a) 1    b) 2    c) 3    d) none

iii) A line segment is a part of a \_\_\_\_\_.

a) Line    b) time    c) mass    d) none

iv)  $70^\circ$  is an example of \_\_\_\_\_ angle.

a) Right   b) straight   c) obtuse   d) acute

v) A straight line is of \_\_\_\_\_.

a)  $90^\circ$    b)  $180^\circ$    c)  $270^\circ$    d)  $360^\circ$

Q: Fill in the blanks:

i) A line has \_\_\_\_\_ arrowhead.

ii) A ray has \_\_\_\_\_ end points.

iii) A line segment has \_\_\_\_\_ end points.

iv) An angle of  $90^\circ$  is called \_\_\_\_\_.

v) An angle less than  $90^\circ$  is called \_\_\_\_\_.

Date: 17<sup>th</sup> December, 2020

Day: Thursday

## Unit 9

### ( INFORMATION HANDLING )

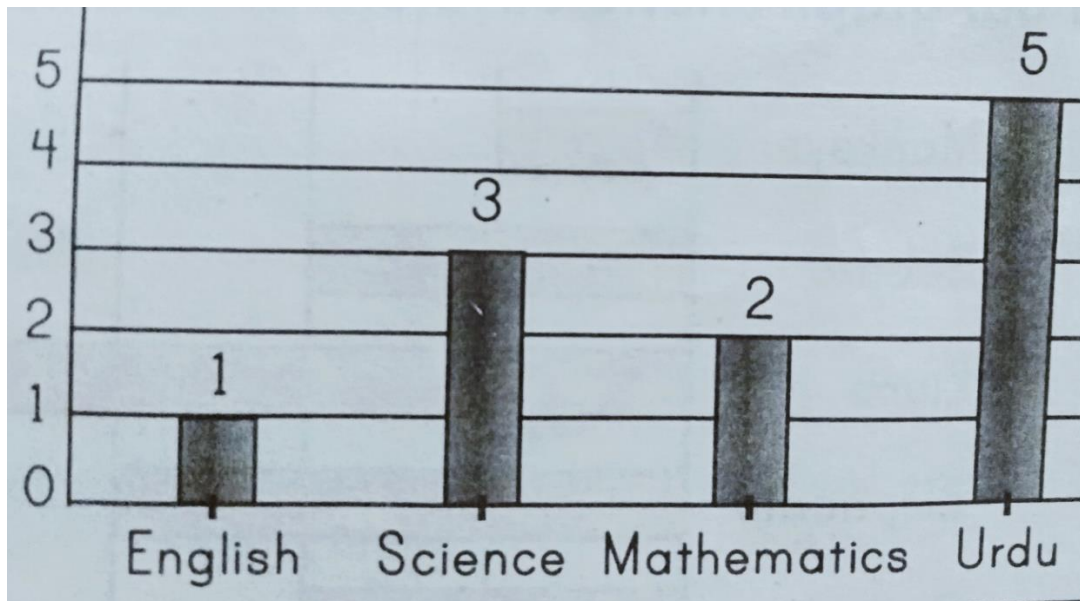
#### Exercise 9.1

#### Topic: Bar graph

**Bar graph:** A bar graph uses bar instead of pictures to show data



. Ahmad collected books on different subjects as shown in the table



Read the scale and write the number of books Ahmad has.

English: The scale reads 1. Ahmad has 1 English book.

Science: The scale reads    . Ahmad has     Science books.

Mathematics: The scale reads    . Ahmad has     Mathematics books.

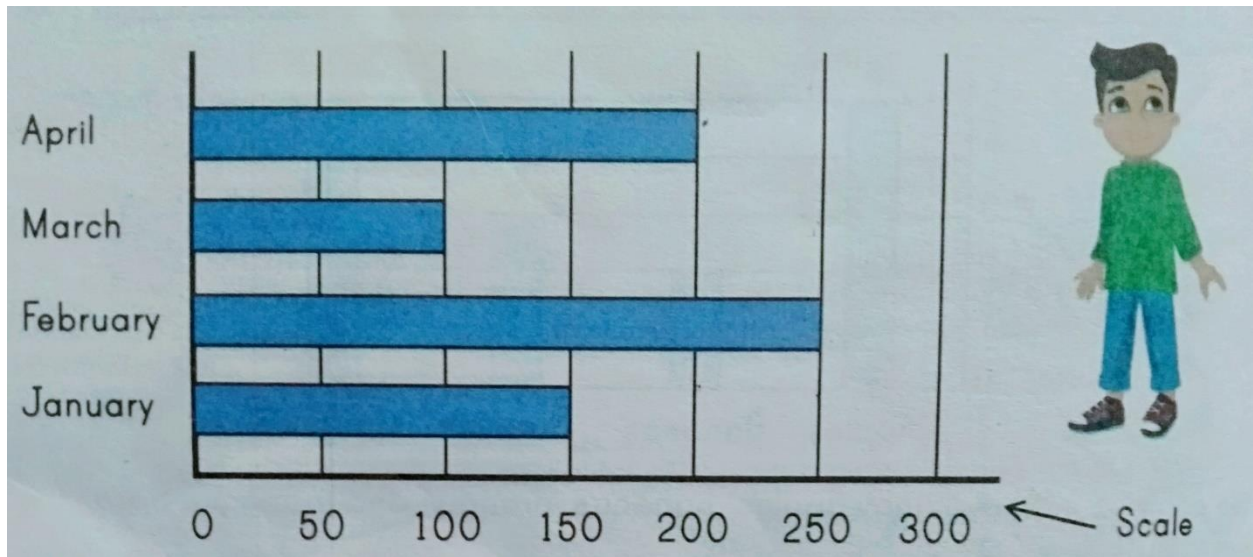
Urdu: The scale reads    . Ahmad has     urdu books.

Date: 18<sup>th</sup> December, 2020

Day: Friday

**We can also represent data on horizontal bar graph:**

**2. The bar graph shows number of toys sold by a shopkeeper over four months.**



The number of toys sold every month can be read from graph.

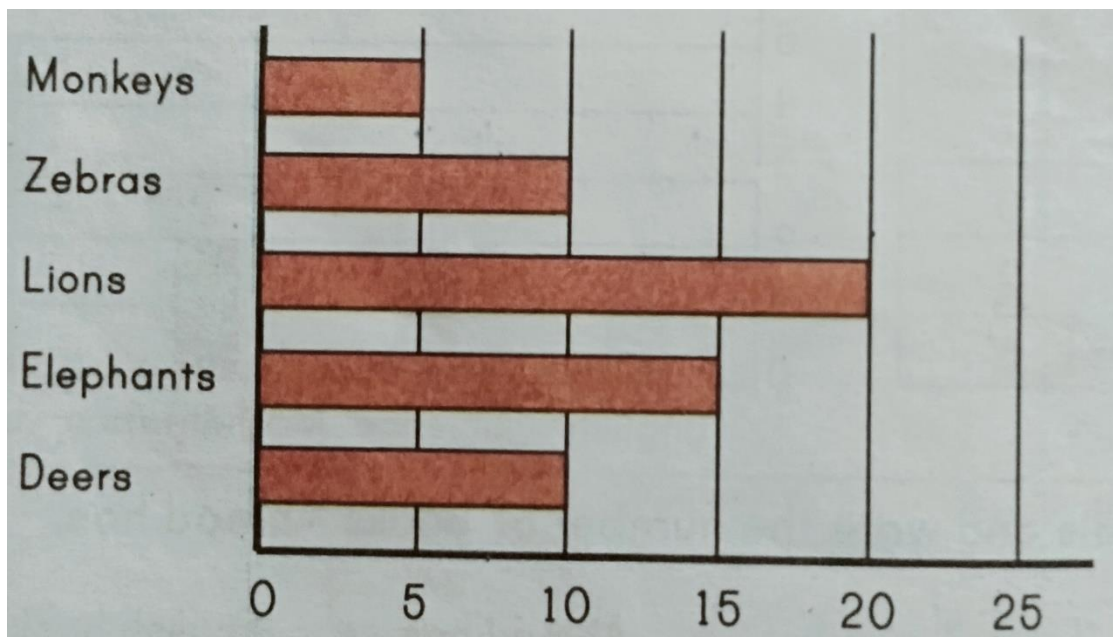
January \_\_\_\_\_

February \_\_\_\_\_

March \_\_\_\_\_

April \_\_\_\_\_

3. The bar graph shows different numbers of animals kept in a zoo.



Read the scale and write the number of animals.

Monkey \_\_\_\_\_ Zebras \_\_\_\_\_ Lions \_\_\_\_\_

Elephants \_\_\_\_\_ Deers \_\_\_\_\_

**Q)** Learn and write table of 20.

$20 \times 1 = 20$	
$20 \times 2 = 40$	
$20 \times 3 = 60$	
$20 \times 4 = 80$	
$20 \times 5 = 100$	
$20 \times 6 = 120$	
$20 \times 7 = 140$	
$20 \times 8 = 160$	
$20 \times 9 = 180$	
$20 \times 10 = 200$	
$20 \times 11 = 220$	
$20 \times 12 = 240$	

Date: 19<sup>th</sup> December, 2020

Day: Saturday

**Unit 9**

MCQ'S

Q:Four possible options have been given. Encircle the correct one.

i)A bar graph may be horizontal or \_\_\_\_\_.

a)Vertical    b)horizontal    c)both    d)none

ii)Before drawing graph, we draw \_\_\_\_\_axis and y-axis.

a)X-axis    b)y-axis    c)A-axis    d)none

iii)In line graph we draw \_\_\_\_\_instead of picture.

a)Bar    b)circle    c)line    d)none

Q:Fill in the blanks:

i)Bar graph are of \_\_\_\_\_type.

ii)In a line graph, we represent data by a \_\_\_\_\_instead of bars.

**Q)** Learn and write table of 19.

$19 \times 1 = 19$	
$19 \times 2 = 38$	
$19 \times 3 = 57$	
$19 \times 4 = 76$	
$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	

$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

**Q)** Learn and write table of 20.

$20 \times 1 = 20$	
$20 \times 2 = 40$	
$20 \times 3 = 60$	
$20 \times 4 = 80$	
$20 \times 5 = 100$	
$20 \times 6 = 120$	
$20 \times 7 = 140$	
$20 \times 8 = 160$	
$20 \times 9 = 180$	
$20 \times 10 = 200$	
$20 \times 11 = 220$	
$20 \times 12 = 240$	