PERIODIC ASSIGNMENT -3 2021-22	
Grade – 4	Subject - Maths
Syllabus – CH - 8 and 9	FROM TEXTBOOK

Section – A

Q1. Fill in the blanks -

a) <u>Diameter</u> is the longest chord of the circle.

b) A circle is a simple <u>closed</u> curve shape.

c) <u>Diameter</u> divides the circle into two equal halves.

d) The length of the boundary of a circle is called <u>circumference</u> of a circle.

e) Line segment joining any two points on the edge of the circle is called <u>chord</u>.

f) A fraction is a small <u>part</u> of something.

g) Number written above the line in a fraction is called <u>numerator</u>.

h) Number written below the line in a fraction is called <u>denominator</u>.

i) In $\frac{2}{5}$, <u>2</u> is the numerator and <u>5</u> is the denominator.

j) In $\frac{3}{8}$, <u>3</u> is the numerator and <u>8</u> is the denominator.

k) In $\frac{6}{9}$, _____is the numerator and ____ is the denominator.

l) In $\frac{7}{8}$, _____is the numerator and ____ is the denominator.

m) In$\frac{8}{9}$, _____is the numerator and ____ is the denominator.

Q2. Find the diameter:-

a) Radius = 4 cm
   Solve - Diameter= 2 x radius
   = 2 x 4 cm
   = 8 cm

b) Radius = 3 cm
   Solve - Diameter= 2 x radius
   = 2 x 3 cm
   = 6 cm

c) Radius = 5 cm
   Solve - **Diameter= 2 x radius**
   = 2 x 5 cm
   = 10 cm

d) Radius = 6 cm

e) Radius = 7 cm

f) Radius = 12 cm

g) Radius = 20 cm

h) Radius = 17 cm

i) Radius = 18 cm

Q3. Find the radius -

a) Diameter = 18 cm

$$\text{Solve - } \textbf{Radius} = \frac{18}{2}\text{(division)}$$

$$= \textbf{9 cm}$$

b) Diameter = 12 cm

Solve - **Radius = Diameter/2**

$$= \frac{12\ cm}{2}$$

$$= \textbf{6 cm}$$

c) Diameter = 16 cm

Radius = Diameter/2

$$= \frac{16\ cm}{2}$$

$$= \textbf{8 cm}$$

d) Diameter = 8 cm

e) Diameter = 14 cm

f) Diameter = 22 cm

g) Diameter = 24 cm

h) Diameter = 26 cm

Q4. Addition of like fractions -

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

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

b) $\frac{2}{6} + \frac{1}{6}$

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

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

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c) $\dfrac{6}{5} + \dfrac{7}{5} = \dfrac{6+7}{5} = \dfrac{13}{5}$

d) $\dfrac{5}{12} + \dfrac{1}{12} = \dfrac{5+1}{12} = \dfrac{6}{12}$

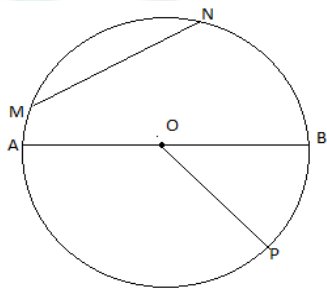e) $\dfrac{7}{11} + \dfrac{2}{11}$

f) $\dfrac{15}{20} + \dfrac{12}{20}$
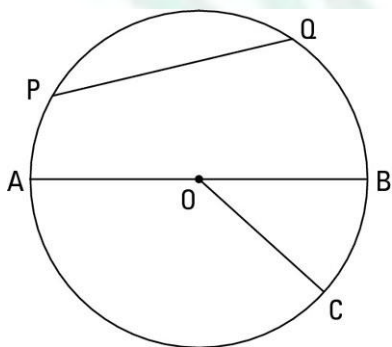
g) $\dfrac{17}{19} + \dfrac{12}{19}$

h) $\dfrac{10}{11} + \dfrac{2}{11}$

i) $\dfrac{20}{21} + \dfrac{15}{21}$

Q5. Look at the figure and answer the following questions -

1) Center of the circle – **O**
2) Chord of the circle – **MN, AB**
3) Radii of the circle – **OB, OP, OA**
4) Diameter of the circle - **AB**

1) Center of the circle –_____
2) Chord of the circle – _____
3) Radii of the circle – _____
4) Diameter of the circle - _____