

# **SELF PRACTICE 8-A**

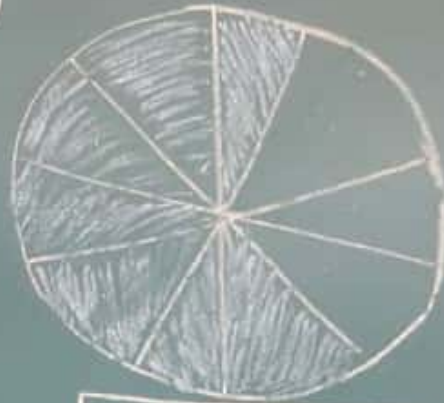
## Exercise 8 A

1. These Shades have been divided into tenths. Write the fraction and the decimal that names the shaded region. (a) → Already done in book.

(b)



$$\frac{6}{10} = 0.6$$



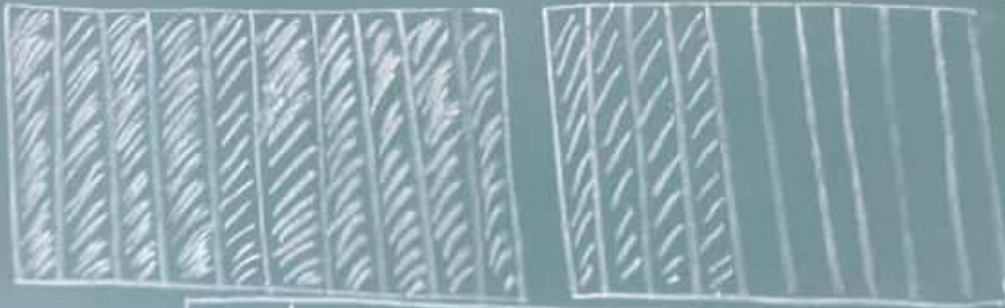
$$\frac{7}{10} = 0.7$$

(d)



$$\frac{9}{10} = 0.9$$

(e)



$$1\frac{4}{10} = 1.4$$

(f)

H.W

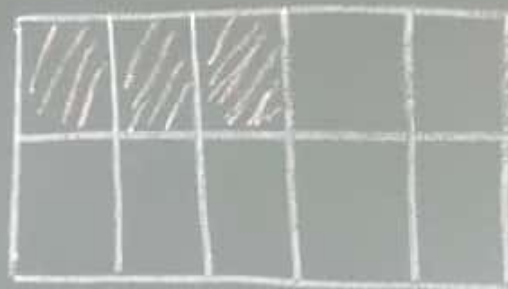
## Exercise 8 A

2. Shade the regions for each decimal.



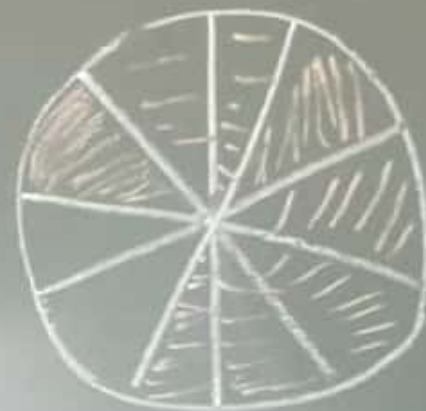
$$0.6 = \frac{6}{10}$$

(b)



$$0.3 = \frac{3}{10}$$

(c)



$$0.8 = \frac{8}{10}$$

3. Complete the table  $\rightarrow$  H.W.

## Exercise 8 A

4 Write the decimals in words:-

a)  $0.3 = \text{Zero point three}$

b)  $0.6 = \text{Zero point six}$

c)  $0.9 = \text{Zero point nine}$

d)  $2.6 = \text{Two point six}$

Question (e) and (f) H.W

5. Write the following mixed numbers as decimals.

a)  $9\frac{2}{10} = \underline{9.2}$

(b)  $23\frac{5}{10} = \underline{23.5}$

(c)  $56\frac{7}{10} = \underline{56.7}$



## **Hundredths**

- \*The fraction  $\frac{1}{100}$  (one-hundredths) can be written as 0.01. Similarly  $\frac{9}{100}$  is written as 0.09.
- \*The numerals 0.01 and 0.09 are called decimal numeral or simply decimals.
- \*The dot in 0.01 and 0.09 are called decimal numerals or simply decimals.
- \*0.01 and 0.09 can be read in two ways:-  
0.01 is read as one-hundredths or zero point zero one.  
0.09 is read as nine-tenth or zero point zero nine.
- \*This system of writing numbers with a decimal point is called the decimal system.

## **Writing Mixed Decimals for a Mixed Number**

Fraction Name	Mixed Number	Decimal Number	Read the Decimal Number as
Four and five-hundredths	$4\frac{5}{100}$	4.05	Four point zero five
Twelve and eighteen-hundredths	$12\frac{18}{100}$	12.18	Twelve point one eight
Three hundred twenty-five and thirty-eight hundredths	$325\frac{38}{100}$	325.38	Three hundred twenty-five point three eight

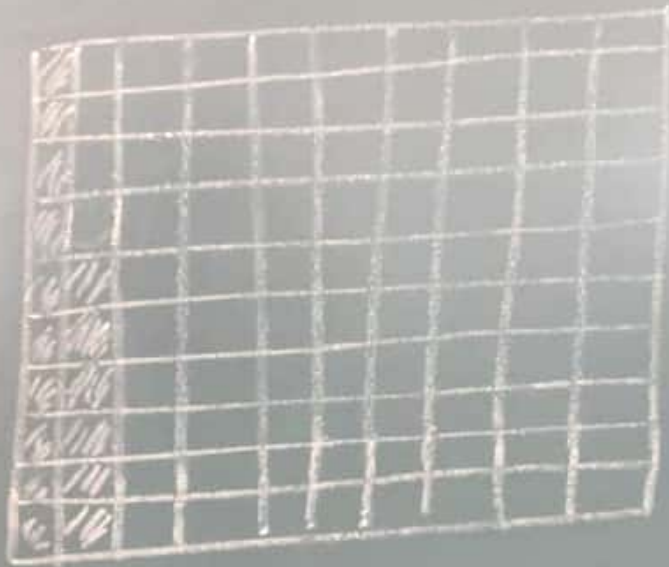
# **SELF PRACTICE 8-B**

# Self Practice 8B

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1. What fraction of each square is shaded? Write this fraction in the decimal form.

b)



$$\frac{16}{100} = 0.16$$

2. Read and Write the number names.

- a)  $11.04$  = Eleven and four hundredths or eleven point zero four
- b)  $9.05$  = Nine and five hundredths or nine point zero five
- c)  $7.56$  = Seven and fifty six hundredths or seven point five six
- d)  $21.72$  = Twenty one and seventy two hundredths or twenty one point seven two

3. Copy and Complete this table - H.W.



4) Change the following into decimals.

$$a) \frac{9}{100} = 0.09$$

$$b) \frac{53}{100} = 0.53$$

$$c) 5\frac{6}{100} = 5.06$$

$$d) 36\frac{68}{100} = 36.68$$

5) Write as fractions or numbers.

$$a) 2.05 = 2\frac{5}{100}$$

$$b) 7.19 = 7\frac{19}{100}$$

$$c) 28.45 = 28\frac{45}{100}$$

$$d) 470.08 = 470\frac{8}{100}$$