sultiphene by 10

$1+27+18+14,2=143$
nextententin 100
 $1.42+140-142,8=142$

Whamivine bw iown

 $0.123=1$ teve $=125,0=125$
$1.7 * 1000-1700.0=1700$

## Duscrs 5.13

A. Write the enoulact


$$
\text { 4. } 1.63 \times 10-163
$$

4. $3175 \times 10=\frac{3775}{\square}$
$17638=100-63.8$
5. $5.942 \times 1000-5942$
6. $0.045 \times 10=0.45$
$15475 \times 100=$
5475
7. $2.94 \times 1000$
1.005 * 100 - $\qquad$ $4.14 \cdot 1000=1400$
B. Ifit in the Manks.
8. 12.1 = $\qquad$ $-121$
$? 0.09 \times$ $\square$ $100=9$

## DIVIDING DECIMALS BY $10,100,1000, \ldots$

8. 1.75 :
$\qquad$ $4-1750$

## Dividing by 10

To divide a decimal by 10 , mone the decimal point gas place to the left.
$645+10-6.45$

## Dividing by 100

To divide a decimal by 100, move the decimal point two places to the left.
$645 \quad 100-0.645=0.645$
$7+100=0.07$


## Dividing by 1000 <br> Divitan a

To divide a decimal by 1000, move the decimal point three places to the left.

$$
64.5+1000=0.0645=0.0645
$$



## EXERCISE 5.14

A. Write the quotient.

$+0.04+10=0.004$
7. $1.25+10=0.125$
5. $0.9+100=0 \cdot 009$
$16.5+100=0.165$
th frit in the blanks.

1. $0.82+\frac{10}{}=0.082$
$\square$ 2. $3.7 \div$ $\qquad$ $=0.037$ =-

TO MEET
Bhathora I1 (AD 1114-1185) or Bhaskaracharya was a great Indian mathematician. He was born in Bijapur, Karnataka. He was the first to explain the complete and systematic use of the decimal number system.

## POINTS TO REMEMBER

- Decimals are the numbers between the whole numbers.
* The decimal part after the decimal point is always less than 1 whole.
*Decimals are special fractions with denominators 10, 100 and 1000.
- On multiplying a decimal by 10,100 and 1000 , the decimal point moves to the fight by one place, two places and three places respectively.
On dividing a decimal by 10,100 and 1000 , the decimal point moves to the left by one place, two places and three places respectively.

