# DECIMALS TO FRACTION -A

## EXAMPLE # 1

0. 5 6 → 0. 5 6 → $\frac{56}{100}$ (see the two zero?)

ASK YOURSELF,"HOW MANY DIGIT NUMBERS ARE TO THE RIGHT OF THE DECIMAL?" ANSWER 2

USE THAT ANSWER TO MAKE A FRACTION SINCE THERE ARE TWO DIGITS TO THE RIGHT,IT MEANS HUNDREDTHS.

## EXAMPLE # 2

0. 7 → 0. 7 → $\frac{7}{10}$ (see the one zero?)

ASK YOURSELF,"HOW MANY DIGIT NUMBERS ARE TO THE RIGHT OF THE DECIMAL?" ANSWER 1

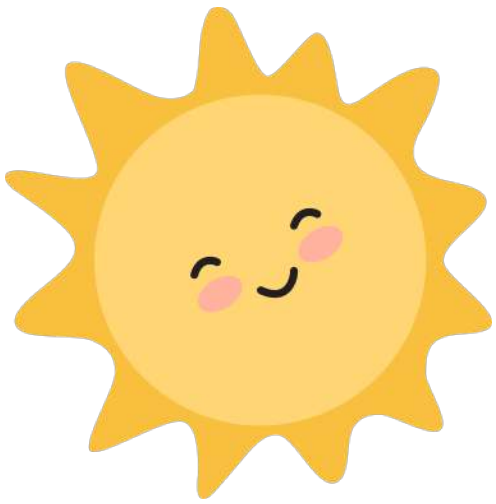
SINCE THERE'S ONE DIGIT TO THE RIGHT.IT MEANS TENTHS

### HOW MANY DIGITS ARE TO THE RIGHT OF THE DECIMAL AND WHAT DOES IT MEAN?

1. 0.324 HAS 3 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS THOUSANDTHS
2. 0.8 HAS 1 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS _____
3. 4.25 HAS 2 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS _____
4. 33.5 HAS 1 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS _____
5. 24.330 HAS 3 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS _____
6. 0.78 HAS 2 DIGITS TO THE RIGHT OF THE DECIMAL,WHICH MEANS _____

### DRAW A LINE TO THE FRACTION AND DECIMAL THAT ARE EQUAL

| | | |
|---|---|---|
| $\frac{1}{100}$ | 0.004 | $\frac{6}{100}$ |
| $\frac{21}{100}$ | 0.21 | $\frac{17}{1000}$ |
| $\frac{8}{10}$ | 0.03 | $\frac{2}{10}$ |
| $\frac{7}{100}$ | 0.8 | $\frac{3}{100}$ |
| $\frac{9}{1000}$ | 0.07 | $\frac{4}{1000}$ |
| | 0.009 | |
| | 0.01 | |
| | 0.06 | |
| | 0.017 | |
| | 0.2 | |



### REWRITE THE DECIMALS AS FRACTIONS.

1. 0.074 =
2. 0.53 =
3. 0.001 =
4. 0.06 =
5. 0.5 =
6. 0.643 =
7. 0.4 =
8. 0.38 =
9 0.08 =

### DO YOU SEE A PATTERN BETWEEN THE DIGITS TO THE RIGHT OF THE DECIMALS AND THE ZEROS IN THE FRACTION?

# DECIMALS TO FRACTION -B

HELPFUL EXAMPLE

SOMETIMES YOU MIGHT NEED TO SIMPLIFY THE FRACTION,MAKE THE NUMBERS SMALLER.

$0.35 \rightarrow 0.35 \rightarrow \frac{35}{100} \div \frac{5}{5} = \frac{7}{20}$

ANSWER

WHEN DIVIDING,DO THE SAME THING TO THE TOP AND BOTTOM

## REWRITE THE DECIMALS AS FRACTIONS IN SIMPLEST FORM

1. 0.040=
2. 0.037 =
3. 0.021 =
4. 0.06 =
5. 0.05 =
6. 0.01 =
7. 0.8 =
8. 0.32 =
9 0.3 =
10 0.07 =
11. 0.1 =
12. 0.009 =
13. 0.45 =
14. 0.04 =
15. 0.146 =
16. 0.300 =
17. 0.90 =
18. 0.125 =
19. 0.5 =
20. 0.220 =
21. 0.4 =
22. 0.9 =
23. 0.100 =
24. 0.56 =