

Convert the decimal to a fraction.

1) 0.574

2) 0.155

3) 0.348

4) 0.955

5) 0.221

6) 0.129

7) 0.69

8) 0.171

9) 0.493

Convert the decimal to a fraction.

1) 0.574

Answer: $\frac{287}{500}$

2) 0.155

Answer: $\frac{31}{200}$

3) 0.348

Answer: $\frac{87}{250}$

4) 0.955

Answer: $\frac{191}{200}$

5) 0.221

Answer: $\frac{221}{1000}$

6) 0.129

Answer: $\frac{129}{1000}$

7) 0.69

Answer: $\frac{69}{100}$

8) 0.171

Answer: $\frac{171}{1000}$

9) 0.493

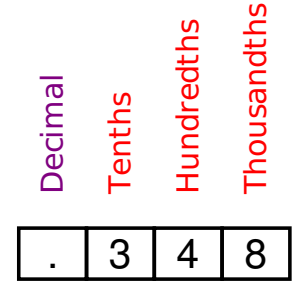
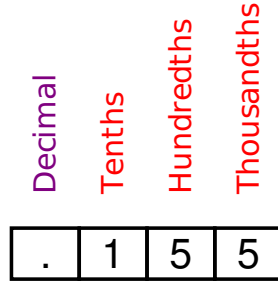
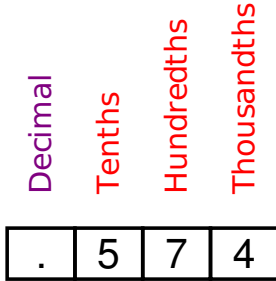
Answer: $\frac{493}{1000}$

Solution Steps

1) 0.574

2) 0.155

3) 0.348

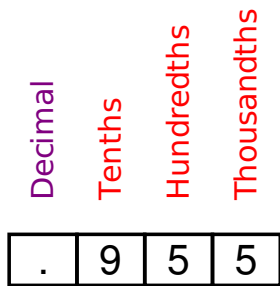


We can write $0.574 = \frac{574}{1000}$, meaning 574 thousandths
 $\frac{574}{1000}$ can be reduced, since 2 is a factor of both 574 and 1,000:
 $\frac{574}{1000} \div \frac{2}{2} = \frac{287}{500}$
 The fraction is now in lowest terms

We can write $0.155 = \frac{155}{1000}$, meaning 155 thousandths
 $\frac{155}{1000}$ can be reduced, since 5 is a factor of both 155 and 1,000:
 $\frac{155}{1000} \div \frac{5}{5} = \frac{31}{200}$
 The fraction is now in lowest terms

We can write $0.348 = \frac{348}{1000}$, meaning 348 thousandths
 $\frac{348}{1000}$ can be reduced, since 4 is a factor of both 348 and 1,000:
 $\frac{348}{1000} \div \frac{4}{4} = \frac{87}{250}$
 The fraction is now in lowest terms

4) 0.955



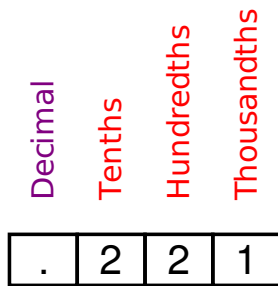
We can write $0.955 = \frac{955}{1000}$, meaning 955 thousandths

$\frac{955}{1000}$ can be reduced, since 5 is a factor of both 955 and 1,000:

$$\frac{955}{1000} \div \frac{5}{5} = \frac{191}{200}$$

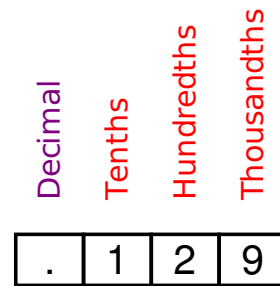
The fraction is now in lowest terms

5) 0.221



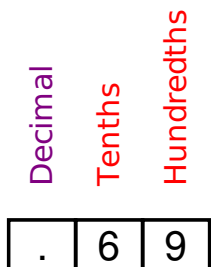
We can write $0.221 = \frac{221}{1000}$, meaning 221 thousandths

6) 0.129



We can write $0.129 = \frac{129}{1000}$, meaning 129 thousandths

7) 0.69



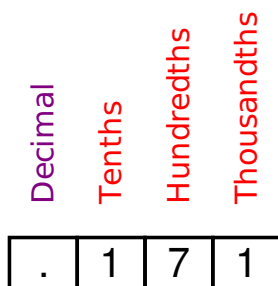
We can write $0.69 = \frac{690}{1000}$, meaning 69 hundredths

$\frac{690}{1000}$ can be reduced, since 10 is a factor of both 690 and 1,000:

$$\frac{690}{1000} \div \frac{10}{10} = \frac{69}{100}$$

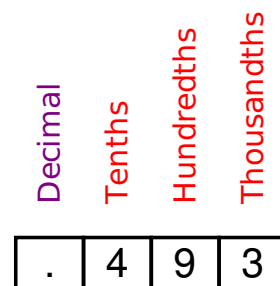
The fraction is now in lowest terms

8) 0.171



We can write $0.171 = \frac{171}{1000}$, meaning 171 thousandths

9) 0.493



We can write $0.493 = \frac{493}{1000}$, meaning 493 thousandths