

NAME: \_\_\_\_\_

## Purpose

To find equivalent decimals for fraction amounts

## Math Words

**decimal amounts**

Decimal amounts may be in tenths, hundredths, thousandths, ten thousandths, and so on.

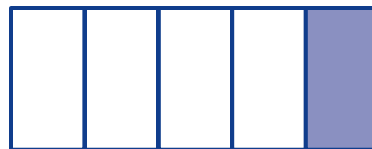
**decimal point**

Whole numbers are to the left of a decimal point and parts of a whole are to the right.

### Starter Problem

$\frac{1}{5}$  of this rectangle is shaded.

What decimal amount is shaded?

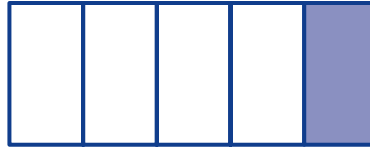


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## Starter Problem

$\frac{1}{5}$  of this rectangle is shaded.

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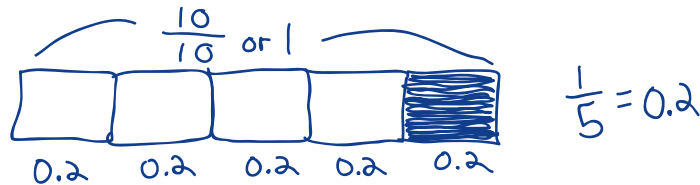


## Student Thinking



Lee

I needed a decimal, so I called the whole rectangle 10 tenths. There are 10 tenths in all, so each of the 5 parts has 2 tenths. I could have called the rectangle 100 hundredths or 1,000 thousandths, too.



Maria

How easy.  $\frac{1}{5}$  is the same as point 15. You just put a decimal point in front!



$$\frac{1}{5} = .15$$

## Things to Remember

- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_

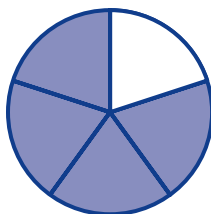


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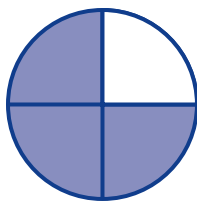
## Our Turn

Write a decimal name for the shaded amount.

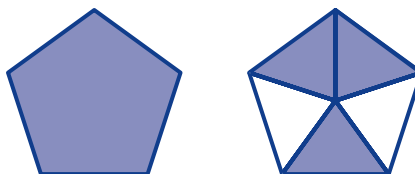
1.  $\frac{4}{5} =$  \_\_\_\_\_ (Write the answer in tenths.)



2.  $\frac{3}{4} =$  \_\_\_\_\_ (Write the answer in hundredths.)



3.  $1\frac{3}{5} =$  \_\_\_\_\_ (Write the answer in tenths.)

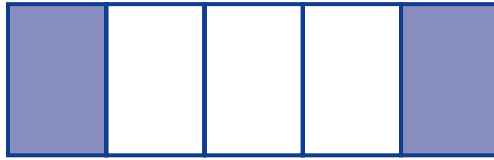


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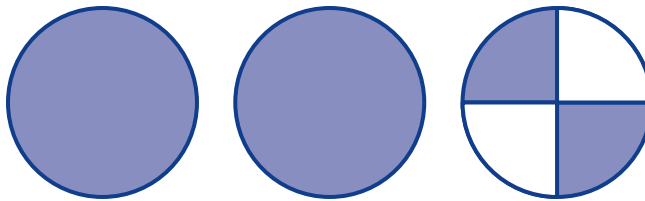
## My Turn

Write a decimal name for the shaded amount.

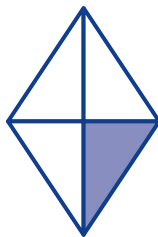
1.  $\frac{2}{5} =$  \_\_\_\_\_ (Write the answer in tenths.)



2.  $2\frac{1}{2} =$  \_\_\_\_\_ (Write the answer in hundredths.)



3.  $\frac{1}{4} =$  \_\_\_\_\_ (Write the answer in hundredths.)



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**Multiple Choice Mini Lesson**

Fill in the circle next to the decimal that names the shaded part of each picture.

☐ 0.4☐ 4.1☐ .41☐ 0.8☐ 0.14☐ 0.25☐ 0.2☐ 2.5

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**Writing Task Mini Lesson**

$\frac{2}{5}$  of the circle is shaded. Write two decimals for the shaded amount. Explain how you know both ways are correct.

\_\_\_\_\_ and \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Writing Task Mini Lesson**

$\frac{2}{5}$  of the circle is shaded. Write two decimals for the shaded amount. Explain how you know both ways are correct.

\_\_\_\_\_ and \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_