

Name: _____ Date: _____

Draw dot cards to complete each number sentence.



Example



ANSWER KEY

1

2

3

Copyright © 2014 Symphony Learning LLC. Permission is granted to reproduce this sheet for classroom use.



Name: _____ Date: _____

Match each dot card model and number sentence.



Manipulatives and Symbols

1

$$0.1 \times 6.4 = 0.64$$

ANSWER KEY

2

$$\frac{1}{10} \times 303 = 30.3$$

3

$$\frac{1}{100} \times 50.1 = 0.501$$

Copyright © 2014 Symphony Learning LLC. Permission is granted to reproduce this sheet for classroom use.



Name: _____ Date: _____



Symbols

Complete each number fact.

$$10 \times 5.23 = 52.3$$

$$100 \times 30.03 = 3,003$$

$$\frac{1}{10} \times 205.3 = 20.53$$

$$\frac{1}{100} \times 96.8 = 0.968$$

$$\frac{1}{10} \times 2.67 = 0.267$$

$$0.01 \times 977.3 = 9.773$$

one possible
solution

$$\frac{1}{10} \times 50.18 = 5.018$$

ANSWER KEY

Copyright © 2014 Symphony Learning LLC. Permission is granted to reproduce this sheet for classroom use.



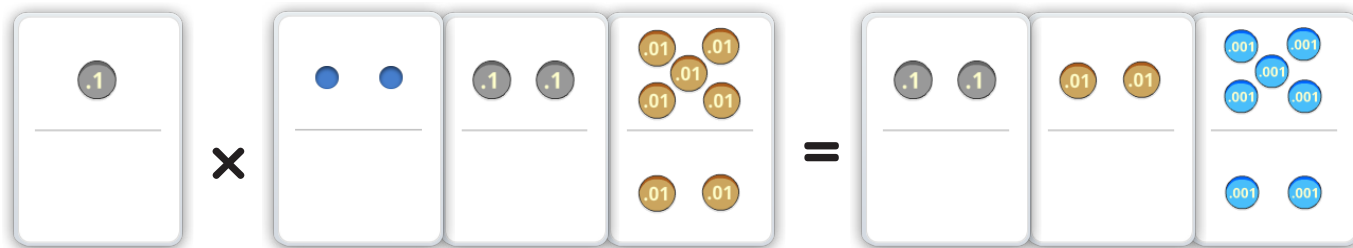


Read the story.

Tyrell weighs a bag of 10 apples. If they weigh 2.27 kg, and the apples are all the same weight, how much does one apple weigh?

ANSWER KEY

Draw dot cards to make a model for the story.



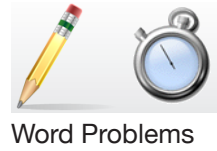
Write a number fact that matches your model.

$$\frac{1}{10} \times 2.27 = 0.227$$

Answer: Each apple weighs 0.227 kg, or 22.7 grams.

Copyright © 2014 Symphony Learning LLC. Permission is granted to reproduce this sheet for classroom use.



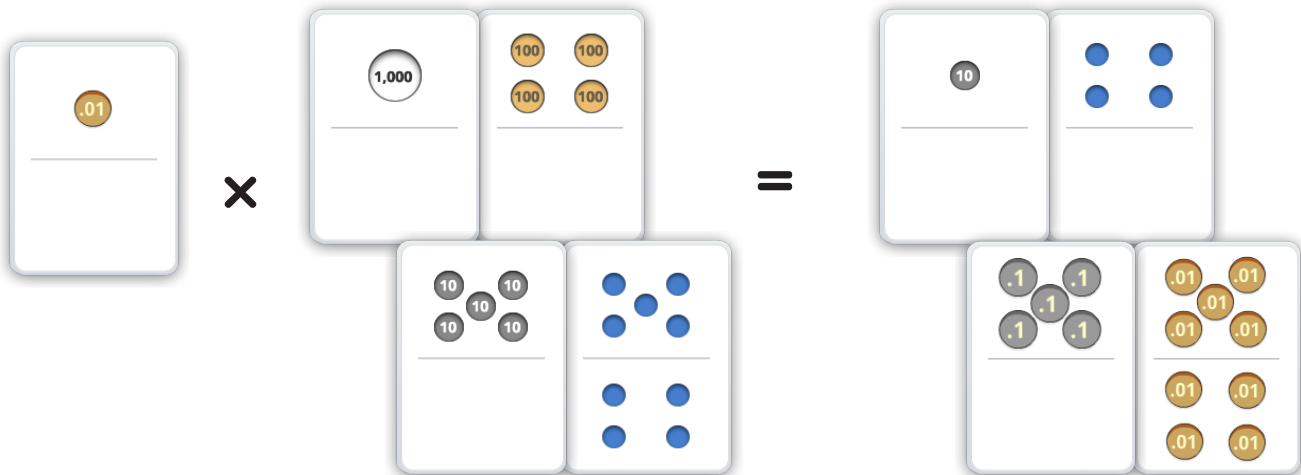


Create a story that involves multiplication by one hundredth. Solve your story using models and numbers.

Your story: **(one possible response)**

Ben's wants to buy an expensive bicycle that costs \$1,459. He figures out that he has to save one hundredth of the total cost each week. How much money does Ben need to save each week?

Your dot card model:



Write a number fact that matches your model.

$$\frac{1}{100} \times 1,459 = 14.59$$

Answer: Ben needs to save \$14.59 each week.

