1. 396 × 10 = _____
2. 10 × _____
450 × _____ = 34,500
_____ = 4,500

3. ∧72 × 10 = _____
= 230,000

4. 1/10 × 39 = _____
5. 825 × _____
6. 1/10 × _____ = 8
= 39.

20. Gerardo has a goal to run 56 miles. Every day he run 0.1 of his goal. How many miles i~ ' running enc'
Don't ~

I move the 2 in 3,565,298 o the right.

14. In the number 23.4 what ens to the number in ~~re when _____ Explain

4. 1/10 × 39 = _____

8. What number is plac place when a number is r 10?

show why a digit in the ones place represents 1/10 of the ht. Explain your model.

4 in 542 and 324 are the same or different.

19. Alanna needs $50 to go to camp. She is delivering newspapers to 10 neighbors every day. If she earns ~ neighborhood, how many '~ her to earn the ~ods?

13. What number is placed in the ones place when a number is multiplied by 10? Explain your ans~
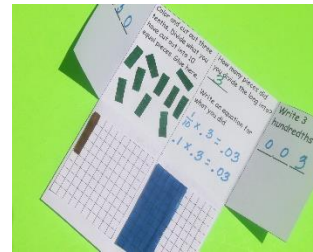
Task Cards and Assessment
To Support You
in Teaching Decimal Relationships

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Click here to get a FREE interactive notebook printable for teaching this concept.

Clip art by Catherine S

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NAME: _____

1. 396 x 10 = _____ 2. 10 x _____ = 34,500 3. 450 x _____ = 4,500	4. 1/10 x 39 = _____ 5. 825 x _____ = 82.5 6. 1/10 x _____ = 39.45
7. How do I move the 2 in 3,565,298 one place to the right. Divide by .1 Divide by 10 Multiply by 10 Multiply by .1	8. What number is placed in the ones place when a number is multiplied by 10?
9. Draw a model to show why a digit in the ones place represents 1/10 of the place value to the right. Explain your model.	
10. Compare how the value of 4 in 542 and 324 are the same or different.	

1.

$$396 \times 10 = \underline{\hspace{3cm}}$$

$$10 \times \underline{\hspace{2.5cm}} = 34{,}500$$

$$450 \times \underline{\hspace{2.5cm}} = 4{,}500$$

2.

$$1/10 \times 39 = \underline{\hspace{3cm}}$$

$$825 \times \underline{\hspace{2.5cm}} = 82.5$$

$$1/10 \times \underline{\hspace{2cm}} = 39.45$$

3.

472 x 10 = _____

10 x _____ = 230,000

450 x _____ = 4,500

4.

1/10 x 39 = _____

825 x _____ = 82.5

0.1 x _____ = 38.25

5.

$4{,}657 \times 10 =$ _____

$10 \times$ _____ $= 24{,}560$

$3{,}975 \times$ _____ $= 39{,}750$

6.

$1/10 \times 34.57 =$ _____

$75.6 \times$ _____ $= 7.56$

$0.1 \times$ _____ $= 768.2$

7. How do I move the 2 in 3,565,298 one place to the right.

Divide by .1
Divide by 10
Multiply by 10
Multiply by .1

Draw a model to prove your answer.

8. How do I move the 2 in 456,2 one place to the left.

Divide by .1
Divide by 10
Multiply by 10
Multiply by .1

Draw a model to prove your answer.

9. Compare the following two equations. Which one is greater? Explain.

5.67 x 10   567 x 1/10

10. Compare the following two equations. Which one is the greatest? Explain.

7.78 x 0.10   .77 x 10

11. What number is placed in the ones place when a number like 234 is multiplied by 10? Explain your answer.

12. In the number 23.4 what happens to the number in the tens place when multiplied by 0.1? Explain your answer.
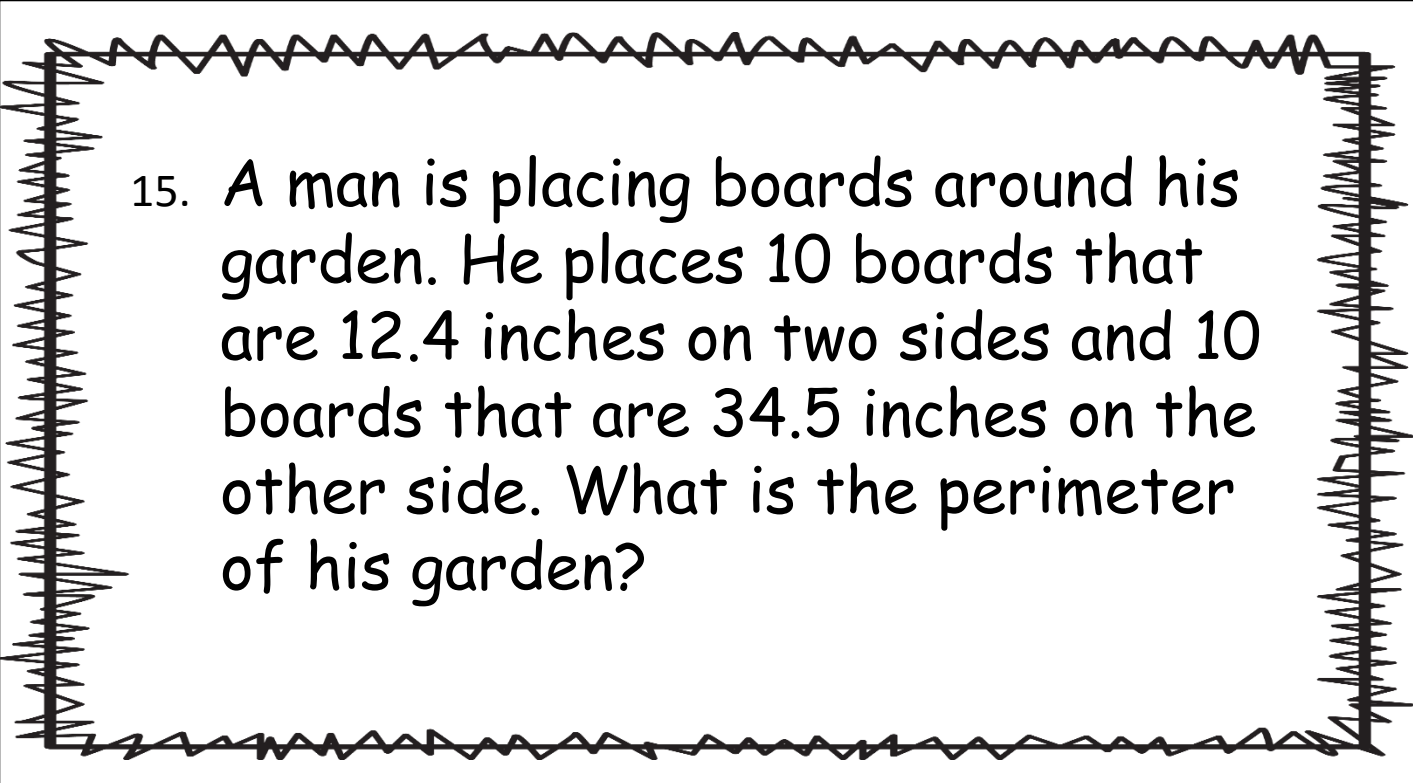
13.

Using step by step directions and pictures, explain in detail how to solve this problem.
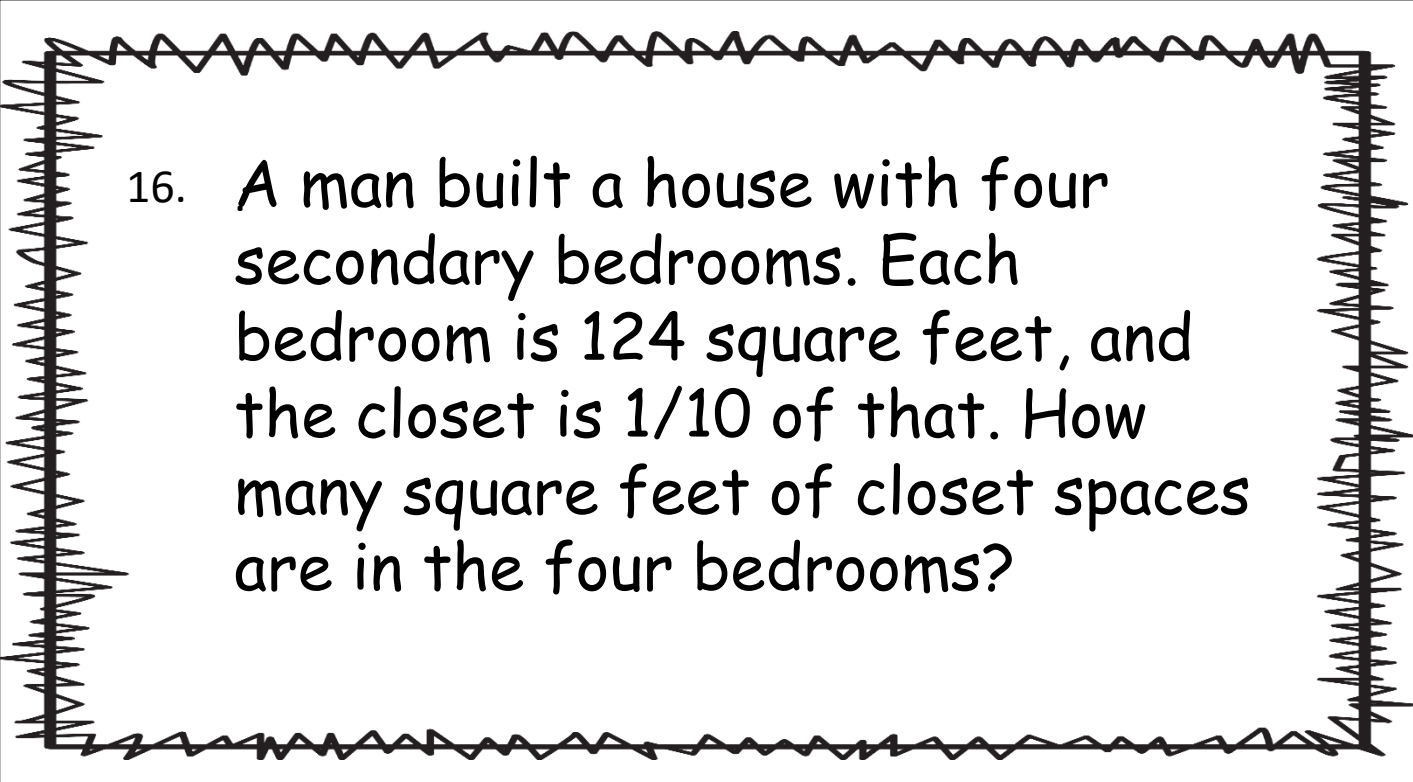
.02 x 10

14.

Using step by step directions and pictures, explain in detail how to solve this problem.

.4 x 0.1

15. A man is placing boards around his garden. He places 10 boards that are 12.4 inches on two sides and 10 boards that are 34.5 inches on the other side. What is the perimeter of his garden?

16. A man built a house with four secondary bedrooms. Each bedroom is 124 square feet, and the closet is 1/10 of that. How many square feet of closet spaces are in the four bedrooms?

17. Susan started the summer off with 32 dollars. Her summer job is to walk dogs every morning. She will make $4.56 a week. If she does this for 10 weeks, how much money will she have altogether? Don't forget to write an equation to show how you solved.

18. Jason made $45.20. If he decides to save 1/10 of it, how much will he put into savings?
Don't forget to write an equation to show how you solved it.

19. Alanna needs $50 to go to camp. She is delivering newspapers to 10 neighbors every day. If she earns 1.30 per neighborhood, how many days will it take her to earn the $50 dollars she needs?
Don't forget to write an equation to show how you solved.

20. Gerardo has a goal to run 56 miles. Every day he runs 0.1 of his goal. How many miles is he running each day.
Don't forget to write an equation to show how you solved it.

Math Assessment

1. 3,960
2. 3,450
3. 10
4. 3.9
5. .10 or 1/10
6. 394.5
7. Multiply by .1
8. 0
9. Any model that correctly shows this- check out [this post](#) if you need some suggestions
10. 542 the 4 equals 4 tens or 40
    324 the 4 is 4 ones or 4

Task Cards

1. 3,960, 3,450, 10
2. 3.9 .10 or 1/10 394.5
3. 4,720 23,000 10
4. 3.9 1/10 382.5
5. 46,570 2,456 10
6. 3.457 1/10 7,682
7. Multiply by 1/10 – see example of model [here](#)
8. Multiply by 10 – see example of model [here](#)
9. Equal
10. .77 x 10 is greater
11. 728 inches
12. Moves to the ones place
13. .2 with any clear explanation
14. .04 with any clear explanation
15. A
16. 49.6 sq ft
17. 77.60
18. $4.52
19. 4 days
20. 5.6 miles