1. Lori is running in a marathon, which is 26.2 miles long. So far, she has run one-tenth of the marathon. How far has Lori run?

_____ miles

2. Use the numbers on the tiles to write the value of each expression. You can use a tile more than once or not at all.

$48.6 \div 10^0$ = ☐

$48.6 \div 10$ = ☐ | . | 0 | 4 | 6 | 8 |

$48.6 \div 10^2$ = ☐

3. Malcolm has 125 feet of yarn to make 100 bracelets. He uses the same amount of yarn to make each bracelet.

Part A

Write an expression that will find the amount of yarn Malcolm uses to make one bracelet.

Part B

How much yarn will Malcolm use to make one bracelet?

_____ feet

Part C

Suppose the total length of the yarn stayed the same, but instead of Malcolm making 100 bracelets, he only made 10 bracelets. How would the amount of yarn he uses to make each bracelet change? Explain.

GO ON

4. Draw a model to show 4.4 ÷ 4.

4.4 ÷ 4 = _____

5. Ashleigh rode her bicycle 26.5 miles in 4 hours. She rode the same number of miles each hour. Write a division sentence using compatible numbers to estimate the distance she rode in one hour.

6. Ellen drove 357.3 miles. For each gallon of gas, the car can travel 21 miles. Select a reasonable estimate of the number of gallons of gas Ellen used. Mark all that apply.

(A) 1.7 gallons

(B) 1.8 gallons

(C) 17 gallons

(D) 18 gallons

(E) 170 gallons

7. Landon bought a tray of plants for $8.15. There were 16 plants in the tray. If Landon only bought 1 plant, about how much would it have cost?

8. Mia has a spool of ribbon that is 30.5 yards long. She will cut the ribbon into 5 equal pieces to make bows. What is the length of each piece of ribbon?

_____ yards

GO ON

9. Maggie is making some floral arrangements. The table shows the prices for one-half dozen of each type of flower.

Price for $\frac{1}{2}$ Dozen Flowers

Rose	$5.29
Carnation	$3.59
Tulip	$4.79

Part A

Maggie wants to buy 4 roses, 6 carnations, and 9 tulips. She estimates that she will spend about $14 on these flowers. Do you agree? Explain your answer.

Part B

Along with the flowers, Maggie bought 4 packages of balloons and 2 packages of plant food. The packages of balloons cost $3.59 each and the total sales tax was $1.34. The total amount she paid was $32.09, including sales tax. Explain a strategy she could use to find the cost of 1 package of plant food.

10. Grant is making small bags of dried fruit from a large bag of dried fruit that weighs 5.46 pounds. If he puts the same amount of dried fruit in each of 6 bags, how much will each bag weigh?

_____ pound(s)

GO ON

11. Divide.

$$6\overline{)3.24}$$

12. Mr. Loretti is buying supplies for his classroom. The table shows the prices for the different items he buys.

Classroom Supplies	
Item	**Price**
Pencils	$0.28 per ounce
Pens	$0.95
Erasers	$0.75
Notebooks	$0.99

Part A

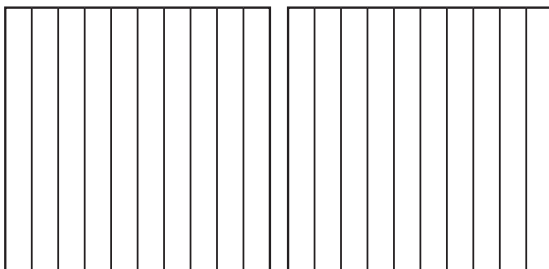Mr. Loretti spends $0.84 on pencils. How many ounces of pencils does he buy?

_____ ounces of pencils

Part B

Mr. Loretti spends $4.83 on pens and notebooks. How many of each item does he buy? Explain how you found your answer.

13. Shade the model and circle to show 1.8 ÷ 0.6.

1.8 ÷ 0.6 = ☐

GO ON

14. Leilani bought tomatoes that cost $0.84 per pound. She paid $3.36 for the tomatoes. How many pounds of tomatoes did she buy? Show your work.

15. Carly has a piece of yarn that is 7.2 yards long. She needs to cut the yarn into pieces that each measure 0.3 yard long. How many pieces of yarn can be cut that are 0.3 yard long?

_____ pieces

16. Latisha hiked along a trail that was 9.66 miles long. She hiked 4.2 miles every hour. How many hours did it take Latisha to finish hiking the trail?

_____ hours

17. For numbers 17a–17c choose Yes or No to indicate whether a zero must be written in the dividend to find the quotient.

17a. $2.5 \div 0.5$ ○ Yes ○ No

17b. $1.8 \div 0.02$ ○ Yes ○ No

17c. $3.3 \div 0.4$ ○ Yes ○ No

18. Tony collected 16.2 pounds of pecans from the trees on his farm. He will give the same weight of pecans to each of 12 friends. How many pounds of pecans will each friend receive?

_____ pounds

GO ON

19. Josh buys cucumbers that cost $0.62 per pound. He pays $2.79 for the cucumbers.

Part A

Josh estimates he bought 5 pounds of cucumbers.
Is Josh's estimate reasonable? Explain.

Part B

How many pounds of cucumbers did Josh actually buy? Show your work.

20. Who drove the fastest? Select the correct answer.

(A) Trevor drove 202 miles in 4 hours.

(B) Maggie drove 330 miles in 6 hours.

(C) Nev drove 412 miles in 8 hours.

(D) Juanita drove 261 miles in 5 hours.

21. Reshawn is buying 3 books in a trilogy set for $24.81. He will save $6.69 by buying the trilogy set instead of buying individual books. If each book costs the same amount, how much does each of the 3 books cost when purchased individually? Show your work.

22. Corey spent $17.00, including sales tax, on 2 sandwiches and 3 drinks. The sandwiches cost $5.25 each and the total sales tax was $0.92. Fill in the table with the correct prices.

Item	Cost
Cost of each sandwich	
Cost of each drink	
Cost of sales tax	

STOP