For 1–3, use the table.

Prices for Roses					
Rose	Regular Price	Price for 3 or more	Rose	Regular Price	Price for 3 or more
Amsterdam	$17	$14	Amber Star	$16	$13
Coretta Scott King	$25	$22	America	$19	$16
Eden	$18	$15	Cinderella	$15	$12

1. What is the cost of 3 Amsterdam roses? Show your work.

2. Mr. Rivera buys 5 Eden roses and 2 Coretta Scott King roses. What is the cost of the roses? Show your work and explain how you found the answer.

3. Shari will buy 3 Cinderella roses or 2 America roses. She wants to buy the roses that cost less. What roses will she buy? How much will she save? Show your work.

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4. For numbers 4a–4d, select True or False for each equation.

4a.	$6 \times 723 = 4{,}228$	○ True	○ False
4b.	$7 \times 3{,}249 = 22{,}743$	○ True	○ False
4c.	$4 \times 938 = 3{,}652$	○ True	○ False
4d.	$9 \times 2{,}641 = 23{,}769$	○ True	○ False

5. Part A

Draw a line to match each section in the model to the partial product it represents.

4×3 4×100 4×70

Part B

Then find 4×173. Show your work and explain.

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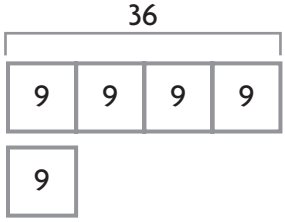
6. For numbers 6a–6c, write an equation or a comparison sentence using the numbers on the tiles.

6a.

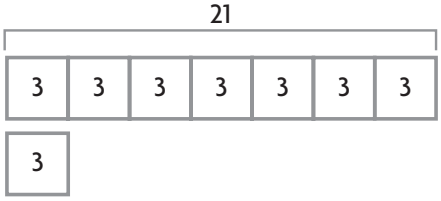


3	4	7	8	9

9	21	36	72

☐ times as many as ☐ is ☐.

6b.



☐ × ☐ = ☐

6c. $9 \times 8 = 72$

☐ times as many as ☐ is ☐.

7. Multiply 6×64. For numbers 7a–7d, select True or False for each statement.

7a.	A reasonable estimate of the product is 360.	○ True	○ False
7b.	Using partial products, the products are 240 and 36.	○ True	○ False
7c.	Using regrouping, 24 ones are regrouped as 4 tens 2 ones.	○ True	○ False
7a.	The product is 384.	○ True	○ False

8. It costs 8,355 points to build each school in the computer game *Town Planning*. How much does it cost to build 6 schools? Show your work.

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9. Multiply 9×354 using place value and expanded form. Choose the number from the box to complete the expression.

$(9 \times$ [300 / 30 / 3] $) + (9 \times$ [5 / 50 / 500] $) + (9 \times$ [400 / 40 / 4] $)$

10. For numbers 10a–10b, use place value to find the product.

10a. $8 \times 700 = 8 \times$ ☐ hundreds

$=$ ☐ hundreds

$=$ ☐

10b. $4 \times 300 = 4 \times$ ☐ hundreds

$=$ ☐ hundreds

$=$ ☐

11. Carrie manages a catering company. She rented 325 chairs each week for the first two weeks of May. Carrie rented 750 chairs each week for the first two weeks of April. The chair rental company forgot to send 23 chairs. How many chairs did Carrie receive in those 4 weeks? Show your work.

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12. There is a plant sale at school. The price for each plant is $7. Which expression can be used to show how much money the school will make if it sells 325 plants? Use the numbers on the tiles to complete your answer.

2	5	7	20
50	30	300	

$(7 \times \square) + (7 \times \square) + (7 \times \square)$

13. Find 9×503. Show your work and explain why the strategy you chose works best with the factors.

14. Lana bought party favors at the store for the school's 6th grade graduation party. Lana bought 7 bags of party hats with 12 hats in each bag. Lana also bought 4 bags of horns with 24 horns in each bag.

Part A

How many more horns than party hats did Lana buy? Show your work.

Part B

Lana also bought 3 bags of whistles with 18 whistles in each bag. When the party started, Lana found that 19 of the party favors were broken. How many unbroken party favors were there? Explain your answer.

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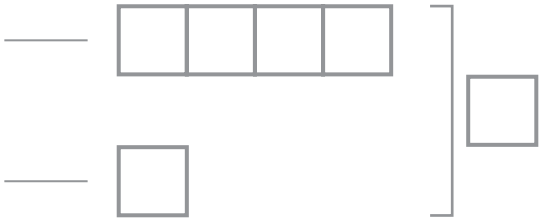
15. Cathy volunteered to collect cans for a school project. Cathy collected 125 cans in 5 days. There were 6 volunteers, including Cathy, who each collected about the same number of cans. About how many cans did they collect?

135
400
600
1,200

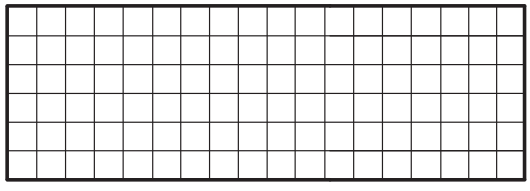
16. Kris and Julio played a card game. Together, they scored 36 points in one game. Kris scored 2 times as many points as Julio. How many points did Kris and Julio each score? Write an equation and solve. Explain your work.

17. Heidi's mom made flower arrangements for a party. She made 4 times as many rose arrangements as tulip arrangements. Heidi's mom made a total of 40 arrangements. How many flower arrangements of each type did Heidi's mom make? Complete the bar model. Write an equation and solve.



18. Use the Distributive Property to model the product on the grid. Record the product.

$4 \times 16 =$ _____



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