

1.) Mark has 5 boxes with 63 cookies in each box. Mark also has 40 bags with 12 brownies in each bag. How many more brownies does he have than cookies?

2.) Which of the following is a way to solve 340×9 ?

a.) $(300 \times 4) + (40 \times 9)$

b.) $(300 \times 9) + (40 \times 9)$

c.) $(300 \times 9) + 9$

d.) $300 + (40 \times 9)$

3.) Ruby went to the store and bought 34 pieces of wood, 52 pieces of sheetrock and 8 hammers. Each pieces of wood cost \$12, each pieces of sheetrock cost \$23 and each hammer cost \$7. How much did Ruby spend on all of her supplies?

4.) The model shows one way to find the product 536×9 . Write an equation and solve the last part of the problem to find the product.

	500	30	6
9	$500 \times 9 = 4,500$	$30 \times 9 = 270$	$6 \times 9 = 54$

8.) Monica was paid \$390 every week for 3 weeks while she worked at a summer camp. Which expression shows how to find the total value of how much money she earned?

a.) $(300 \times 30) + (300 \times 3)$

b.) $(300 \times 3) + (90 \times 3)$

c.) $300 + (90 \times 3)$

1.) Mark has 5 boxes with 63 cookies in each box. Mark also has 40 bags with 12 brownies in each bag. How many more brownies does he have than cookies?

165

2.) Which of the following is a way to solve 340×9 ?

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3.) Ruby went to the store and bought 34 pieces of wood, 52 pieces of sheetrock and 8 hammers. Each pieces of wood cost \$12, each pieces of sheetrock cost \$23 and each hammer cost \$7. How much did Ruby spend on all of her supplies?

1,660

4.) The model shows one way to find the product 536×9 . Write an equation and solve the last part of the problem to find the product.

	500	30	6
9	$500 \times 9 = 4,500$	$30 \times 9 = 270$	$6 \times 9 = 54$

$4,500 + 270 + 54 = 4,824$

8.) Monica was paid \$390 every week for 3 weeks while she worked at a summer camp. Which expression shows how to find the total value of how much money she earned?

a.) $(300 \times 30) + (300 \times 3)$

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Fill in the blanks and complete the equations for each array.

	20	5
8	160	?

? = _____ x _____ = _____

	10	3
30	$10 \times 30 = 300$?
2	$10 \times 2 = 20$	$3 \times 2 = 6$

? = _____ x _____ = _____

Choose the number sentence that can be used to find the product shown by the area model. $52 \times 73 =$

- a.) $(50+2) \times (70+3) = 350 + 15 + 140 + 6 = 511$
- b.) $(50+2) \times (70+3) = 3,500 + 1,500 + 140 + 6 = 5,146$
- c.) $(50+2) \times (70+3) = 3,500 + 150 + 140 + 6 = 3,796$
- d.) $(50+2) \times (70+3) = 35 + 15 + 14 + 6 = 70$

	70	+ 3
50		
+		
2		

A zoo sold 85 tickets for the lion exhibit for \$13 each and 49 tickets for the polar bear exhibit for \$30 each. What is the difference in sales between the lion exhibit and the polar bear exhibit.

A farmer ships a box with 186 gallons of milk and a box with 157 packages of beef. Each gallon of milk and package of beef weighs 3 pounds. How many pounds does the farmer ship in all?

Every student in Mrs. Camp's class has 45 crayons. If there are 20 students, how many crayons are there in all?

Fill in the blanks and complete the equations for each array.

	20	5
8	160	?

$$? = \underline{\quad 5 \quad} \times \underline{\quad 8 \quad} = \underline{\quad 40 \quad}$$

	10	3
30	$10 \times 30 = 300$?
2	$10 \times 2 = 20$	$3 \times 2 = 6$

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+		
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A zoo sold 85 tickets for the lion exhibit for \$13 each and 49 tickets for the polar bear exhibit for \$30 each. What is the difference in sales between the lion exhibit and the polar bear exhibit.

Lion = $85 \times 13 = \$1,105$ Polar bear = $49 \times 30 = \$1,470$ $1,470 - 1,105 = \$365$

A farmer ships a box with 186 gallons of milk and a box with 157 packages of beef. Each gallon of milk and package of beef weighs 3 pounds. How many pounds does the farmer ship in all?

$186 + 157 = 343$

$343 \times 3 = 1,029$ pounds

Every student in Mrs. Camp's class has 45 crayons. If there are 20 students, how many crayons are there in all?

$45 \times 20 = 900$ crayons

Mary planted tomatoes in her garden. She planted 25 rows with 46 tomatoes in each row. Which expression shows the total number of tomatoes she planted?

- A.) $(20 \times 40) - (5 \times 6)$
- B.) $(20 \times 5) + (20 \times 2)$
- C.) $(25 \times 40) \times (25 \times 6)$
- D.) $(25 \times 40) + (25 \times 6)$

What multiplication equation is shown by the area model?

- A.) 10×20
- B.) 23×24
- C.) 24×13
- D.) 10×24

	10	10	3
20	200	200	60
4	40	40	12

Solve and show your work:

- A.) $70 \times 30 =$
- B.) $29 \times 87 =$
- C.) $8 \times 49 =$
- D.) $482 \times 5 =$
- E.) $93 \times 40 =$
- F.) $7 \times 4,294 =$

A city has 3,093 apartment buildings in one block. How many apartments are in 4 city blocks? Solve using the expanded form. (**Remember expanded form of 392 would be $300 + 90 + 2$. This is just an example...it won't help you solve!)

Mary planted tomatoes in her garden. She planted 25 rows with 46 tomatoes in each row. Which expression shows the total number of tomatoes she planted?

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B.) 23×24

C.) 24×13

D.) 10×24

	10	10	3
20	200	200	60
4	40	40	12

Solve and show your work:

A.) $70 \times 30 = 2100$

B.) $29 \times 87 = 2,523$

C.) $8 \times 49 = 392$

D.) $482 \times 5 = 2,410$

E.) $93 \times 40 = 3,720$

F.) $7 \times 4,294 = 30,058$

A city has 3,093 apartment buildings in one block. How many apartments are in 4 city blocks? Solve using the expanded form. (**Remember expanded form of 392 would be $300 + 90 + 2$. This is just an example...it won't help you solve!)

$3,000 \times 4 = 12,000$

$90 \times 4 = 360$

$3 \times 4 = 12$

$12,000 + 360 + 12 = 12,372$