

MULTI-STEP WORD PROBLEMS

4th Grade

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Directions: Read the multi-step equations you need to solve, write the equation and solve.

1 Sally is mowing the lawn. It takes her 7 times to mow the front lawn and 5 times to mow the back lawn. How long did it take Sally to mow the lawn?
Equation #1
 $7 \times 5 = 35$
 $35 + 5 = 40$
 $40 \div 2 = 20$
It took Sally 20 minutes to mow the lawn.

2 The tigers at the zoo eat 50 pounds of fruit each day. The elephants eat 40 pounds of fruit each day. How many pounds of fruit do the tigers and elephants eat together?
Equation #2
 $50 + 40 = 90$
 $90 \div 2 = 45$
They eat 45 pounds of fruit each day.

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Directions: Solve each word problem.

1 Nabeel is moving fish down fish and 12 fish in 7 fishbowl in each.
Equation #1
 $7 \times 12 = 84$
 $84 \div 7 = 12$
Nabeel has 12 fish in each fishbowl.

2 The tigers at the zoo eat 50 pounds of fruit each day. The elephants eat 40 pounds of fruit each day. How many pounds of fruit do the tigers and elephants eat together?
Equation #2
 $50 + 40 = 90$
 $90 \div 2 = 45$
They eat 45 pounds of fruit each day.

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Directions: Solve each word problem. Use your answer to find the corresponding letter in the key and write the letter in the magnifying glass. At the end, unscramble the letters to find the answer to the joke!

A	B	C	D	E	F	G	H	I	J	K
10	17	3	13	0	2	16	22	12	9	19
0	P	Q	R	S	T	U	V	W	X	Y
4	8	11	5	25	21	15	7	20	14	18

1 Twice as much as Dean's Deli costs \$4, and a soda costs \$1. Mr. Won buys a sandwich/soda combo as he can with the \$34 he has in his wallet. How much money does Mr. Won have left over?
Equation #1
 $4 \times 2 = 8$
 $8 + 1 = 9$
 $34 - 9 = 25$
Mr. Won has 25 dollars left over.

2 3 minutes to run a lap around the track. After each lap, she sets her stopwatch for 27 minutes. How many laps has she run after she has run as many laps as she can?
Equation #2
 $27 \div 3 = 9$
She has run 9 laps.

3 Each child has 6 blocks. The children divided the blocks equally. How many blocks are left after making 4 equal groups?
Equation #3
 $6 \times 4 = 24$
 $24 \div 4 = 6$
There are 6 blocks left.

4 A box requires 4 inches of string to tie a bow. He has 55 inches of string. How many bows can he tie?
Equation #4
 $55 \div 4 = 13$
He can tie 13 bows.

5 He sells bad joke.
Equation #5
 $5 \times 1 = 5$
He sells 5 bad jokes.

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Directions: Solve the multi-step word problems below.

1 Boris and Lucy are picking strawberries. Boris picked 21 strawberries and Lucy picked 27 strawberries. Boris and Lucy combined their strawberries and divided them equally into 6 baskets. How many strawberries are in each basket?
Equation #1
 $21 + 27 = 48$
 $48 \div 6 = 8$
There are 8 strawberries in each basket.

2 It's Grandma Alice's birthday. The candles on her cake are arranged in 7 rows of 9. When she blows out the candles, 8 candles stay lit. How many candles did Grandma Alice blow out?
Equation #2
 $7 \times 9 = 63$
 $63 - 8 = 55$
Grandma Alice blew out 55 candles.



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NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Interpreting remainders detective
 Each word problem. Use your answer to find the corresponding letter. Write the letter in the magnifying glass. At the end, unscramble the answer to the joke!

C	D	E	F	G	H	I	J	K	L	M
3	13	0	2	16	22	12	9	19	23	18
P	Q	R	S	T	U	V	W	X	Y	Z
8	11	5	25	21	15	7	20	14	1	24

Dean's Deli costs \$4, and a soda costs \$1. Mr. Won buys as many as he can with the \$34 he has in his wallet. How many are left over?

run a lap around the track. After each lap, she checks her stopwatch for 27 minutes. How many laps after she has run as many laps as she can?

Each child has 6 blocks. The children divide the blocks equally. How many blocks are left after making equal groups?

She takes 4 away, then puts the rest in her sticker book until the last page, where she puts the stickers are on the last page?

Each box requires 4 inches of string to tie a bow. He has 28 inches of string left over after he ties all the bows.



DATE: _____
MULTI-STEP WORD PROBLEMS

Blueberry muffins

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

Directions: Read the multi-step word problems. Represent each problem with an equation. Use the letter standing in for the unknown.
 1 Sally is drawing the front...

NAME: _____ DATE: _____
MULTI-STEP WORD PROBLEMS

drawing remainders

Directions: Solve each word problem by completing the picture.

1 Nabeel is moving fish from a large fish tank to smaller fishbowls. There are 11 clown fish and 12 angel fish in the large tank. He places an equal number of fish in 7 fishbowls. He leaves the remaining fish in the large tank. How many fish are left in the tank?



2 Margot cut 16 ribbons up and places them in 4 leftover ribbons in each vase.

MULTI-STEP WORD PROBLEMS
drawing remainders

Directions: Solve the word problem by dragging the images to complete the picture.

1 Nabeel is moving fish from a large fish tank to smaller fishbowls. There are 11 clown fish and 12 angel fish in the large tank. He places an equal number of fish in 7 fishbowls. He leaves the remaining fish in the large tank. How many fish are left in the tank?

Drag me

SOLVING

Visualize the problem



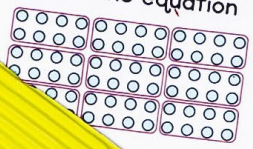
Find and solve the first question

How far did they walk in total?

$$18 + 54 = d$$

They walked 72 yards

Solve the equation



Check your work

Check for reasonableness

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

Test review

Directions: Read the multi-step word problems and represent each problem with the two equations you need to solve.

Sally is mowing the lawn on her front lawn and 5 times as long as it did it take Sally to mow the back lawn.

Equation #1

$$7 \times 5 = n$$

$$n = 35 \text{ minutes}$$

- 2 The tigers at the zoo eat 50 pounds of fruit each day. They eat an equal amount of fruit each day.

Equation #1

$$40 + 50 = n$$

$$n = 90 \text{ pounds}$$

- 3 Marcel has 3 pumpkins. He weighs each pumpkin. If each pie requires 12 pounds of pumpkin, how many pies can he make?

Equation #1

$$3 \times 4 = n$$

$$n = 12 \text{ pies}$$

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

drawing remainders

Directions: Solve each word problem by completing the picture.

- 1 Nabeel is moving fish from a tank. There are 10 clown fish and 12 angel fish in 7 fishbowls.

NAME: _____

MULTI-STEP WORD PROBLEMS

Inter

Directions: Solve each problem in the key and write the letters to find the answer.

A	B	C
10	17	3
N	O	
6	4	

- 1 A sandwich is cut into 8 equal pieces. If you eat 3 pieces, how many pieces are left?

- 2 If a rest stop is 100 miles from a city and another rest stop is 50 miles from the city, how far is it between the two rest stops?

- 3 If a box contains 12 pencils and you have 3 boxes, how many pencils do you have in all?

- 4

NAME: _____

MULTI-STEP WORD PROBLEMS

Directions

- 1 Jason puts 80 blueberries in 4 muffins. How many blueberries are in each muffin?

Jason puts 80 blueberries in 4 muffins. How many blueberries are in each muffin?

FOLLOW THE PROBLEM

How many blueberries are in each muffin?

- Find and solve the first question

Write an equation for the second question

$$7 \times 8 = n$$

Solve the equation



- Label your answer
- puppies? dollars? miles? acorns?

- Check your work
- Do the problem again
 - Use manipulatives
 - Check for reasonableness
 - Try a new strategy
 - Draw

SOLVING Two-step story problems

Visualize the problem



Underline key words and circle key numbers.

Evelyn walked her dog 18 yards to the mailbox. Then, they walked 54 yards to her neighbor's house. It took 8 minutes in all. They consistently walked at the same pace. How many yards did they walk per minute?

Find and solve the first question

How far did they walk in total?

$$18 + 54 = d$$

They walked 72 yards

Write an equation for the second question

If they walked 72 yards in 8 minutes, how far did they walk per minute?

$$72 \div 8 = n$$

Label your answer

9 yards per minute

Check your work

- Do the problem again
- Try a new strategy
- Check for reasonableness
- Draw a picture
- Use manipulatives



SOLVING



Visualize the p
Find and solve
first quest
How far did they walk
 $18 + 54 =$
They walked 72 y

Solve the equ

○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○

Do the problem ag
Try a new strategy

MULTI-STEP WORD PROBLEMS

test review

Directions: Solve the multi-step word problem. Show how you checked your work after solving.

5 Nikhil washes cars on weekends to earn some extra money. In one month, he earned \$60. He spent \$12 on supplies like soap and sponges. If there were 4 weekends in the month and he earned an equal amount of profit each weekend, how much profit did Nikhil earn per weekend?

Solve the problem

Check your work

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

Test review

Directions: Read the multi-step word problems. Represent equations you need to solve, with a letter standing in.

1 Sally is mowing the lawn. It takes her 7 minutes front lawn and 5 times as long to mow the back. How long did it take Sally to mow the lawn in total?

Equation #1

 $7 \times 5 = n$
 $n = 35 \text{ minutes}$

Equation #2

 $7 + 35 = n$

The tigers at the zoo eat 40 pounds of meat and the elephants eat 50 pounds more food than the tigers. They eat an equal amount of fruit, leaves, and pounds of fruit do the elephants eat in one v

Equation #1

 $40 + 50 = n$

Equation #2

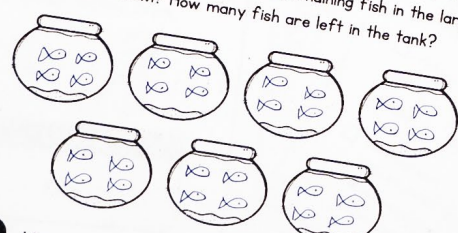
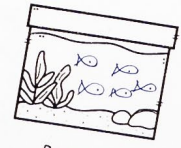
NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

drawing remainders

Directions: Solve each word problem by completing the picture.

1 Nabeel is moving fish from a large fish tank to smaller fishbowls. There are 11 clown fish and 12 angel fish in the large tank. He places an equal number of fish in 7 fishbowls. He leaves the remaining fish in the large tank. How many fish are left in the tank?

2 Margot cut 16 red roses and 18 pink roses from her garden. She mixes the roses up and places an equal number of roses in each of 6 vases. She ties the leftover roses with a bow to give to her teacher as a gift. How many roses are leftover roses? How many roses will Margot give her teacher?

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

Blueberry muffins

Jason puts 80 blueberries into the batter for his blueberry muffins. An equal number of blueberries end up in each of the 10 muffins he bakes. How many blueberries are in _____ muffins?

4-SOLVING STEPS. CHECK THE BOX AFTER EACH STEP

Use the lam

any blueberries are

$80 \div 10 = 8 \text{ blueberries}$

$8 \times 4 = 11$

blueberries

4 muffins

DATE: _____
WORD PROBLEMS
 berry muffins

DATE: _____
MULTI-STEP WORD PROBLEMS
 Test review

Directions: Read the multi-step word problems. Represent each problem with the two equations you need to solve, with a letter standing in for the unknown number. Solve.

Sally is mowing the lawn. It takes her 7 minutes to mow the front lawn and 5 times as long to mow the backyard. How long did it take Sally to mow the lawn in total?

Equation #1	Equation #2	Answer
$7 \times 5 = n$ $n = 35 \text{ minutes}$	$7 + n =$	42 minutes

SOLVING Two-step story problems

Visualize the problem



Underline key words and circle key numbers

Evelyn walked her dog 18 yards to her mailbox. Then, they walked 54 yards to the neighbor's house. It took 8 minutes in total. If they consistently walked at the same pace, how many yards did they walk per minute?

Find and solve the first question

How far did they walk in total?

$$18 + 54 = d$$

They walked 72 yards

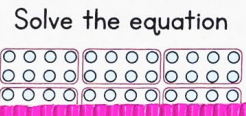
Write an equation for the second question

If they walked 72 yards in 8 minutes, how far did they walk per minute?

$$72 \div 8 = n$$

Label your answer

9 yards



STEP WORD P
 drawing remainder

...word problem by completing the pic...

...ing fish from a large fish tank to sm...

... and 12 angel fish in the large tank. He r...

...wls. He leaves the remaining fish in th...

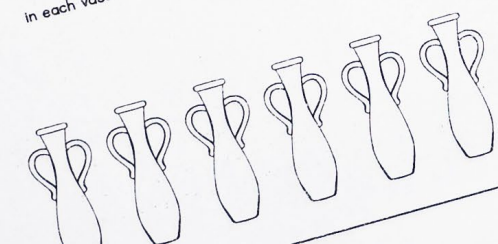
...ow? How many fish are left in the tar...

Margot cut 16 red roses and 18 pink r...

... up and places an equal number of ro...

... leftover roses with a bow to give to...

... in each vase? How many roses will Margot...



MULTI-STEP WORD PROBLEMS
 egg hunt

FOLLOW THE PROBLEM-SOLVING STEPS. DRAG THE CHECK INTO THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

Carly and Brooke are having an egg hunt. Carly found 4 eggs. Brooke found 3 times as many eggs as Carly. Brooke found an equal number of pink and green eggs. How many green eggs did Brooke find?

Visualize the problem

Drag the lines to underline key words and the ovals to circle key numbers



Oscar is tying string around boxes. Each box requires 4 inches of string to go around the box and 3 inches of string to tie a bow. He has 55 inches of string in total. How much is left over after he ties all the boxes he can?

What do you call a farm that sells bad...

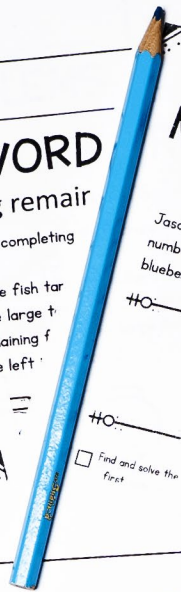
T	U	V	W	X
21	15	7	20	14

I-STEP WORD

drawing remain

ive each word problem by completing

is moving fish from a large fish tar
fish and 12 angel fish in the large t
shbowls. He leaves the remaining f
h bowl? How many fish are left?



MULTI-STEP WORD PROBL

Jason puts 80 blueberries into the batter for his blueberry muffins. An equal number of blueberries end up in each of the 10 muffins he bakes. How many blueberries are in 4 muffins?

- FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.
- Visualize the problem
 - Underline key words and (circle) key numbers
 - Find and solve the first

berries are in each m
blueberries

I-STEP WORD PROBLEMS

Read and solve
the multi-step word problems below.

SOLVING Two-step story problem

Visualize the problem



Underline key words and circle key numbers

Evelyn walked her dog 18 yards to her mailbox. Then, they walked 54 yards to neighbor's house. It took 8 minutes in total; they consistently walked at the same pace. How many yards did they walk per minute?

Find and solve the first question

How far did they walk in total?

$$18 + 54 = d$$

They walked 72 yards

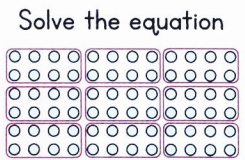
Write an equation for the second question

If they walked 72 yards in 8 minutes, how far did they walk per minute?

$$72 \div 8 = n$$

Label your answer

9 yards per minute



Check your work

- Do the problem again
- Check for reasonableness
- Draw a picture
- Try a new strategy
- Use manipulatives

MULTI-STEP WORD PROBLEMS

blueberry muffins

FOLLOW THE PROBLEM-SOLVING STEPS. DRAG THE CHECK INTO THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

Jason puts 80 blueberries into the batter for his blueberry muffins. An equal number of blueberries end up in each of the 10 muffins he bakes. How many blueberries are in 4 muffins?

Find and solve the first problem
Use the textbook to write an equation with a letter standing in for the unknown number. Solve the equation.

What do I need to find out in order to solve the problem?



SOLVING *two-step story problems*

Visualize the problem



Underline key words and
circle key numbers

Evelyn walked her dog 18 yards to her mailbox. Then, they walked 54 yards to the neighbor's house. It took 8 minutes in total. If they consistently walked at the same pace, how many yards did they walk per minute?

Find and solve the first question

How far did they walk in total?

$$18 + 54 = d$$

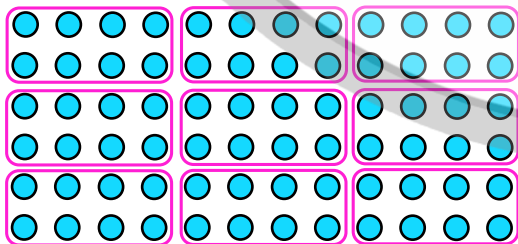
They walked 72 yards

Write an equation for the second question

If they walked 72 yards in 8 minutes, how far did they walk per minute?

$$72 \div 8 = n$$

Solve the equation



Label your answer

9 yards
per minute

Check your work



● Do the problem again

● Check for reasonableness

● Draw a picture

● Try a new strategy

● Use manipulatives

IS MY ANSWER

reasonable?

WORD PROBLEM

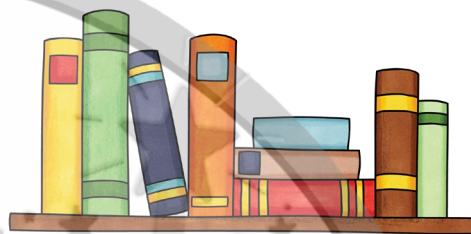
There are 265 books in the library. A new shipment of 78 books is received and placed on the shelves. Then, some students check out 32 books. How many books are in the library now?

Does my answer
make sense?

Did I answer
the question?

MY ANSWER

311 books



To check if my answer makes sense, I am going to round the numbers and see if the estimate is close to my answer.

$$\begin{array}{r} 270 \\ + 80 \\ \hline 350 \\ - 30 \\ \hline 320 \end{array}$$

A reasonable answer would be close to 320. My answer of 311 is close to 320. ✓

To check if I answered the question, I am going to re-read the word problem.

There are 265 books in the library. A new shipment of 78 books is received and placed on the shelves. Then, some students check out 32 books. How many books are in the library now?

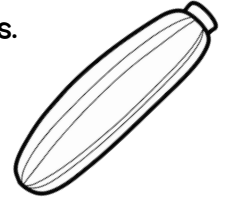
Yes, I have answered the question

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

blooming garden

Linnea has 6 zucchini plants in her garden. Each zucchini plant has 4 zucchinis. She picks all the zucchinis and uses them to bake zucchini bread. If each zucchini bread requires 3 zucchinis, how many zucchini breads can Linnea make?



HO: _____ ::OH

FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

Visualize the problem



Underline key words and circle key numbers



HO: _____ ::OH

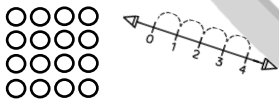
Find and solve the first question

HO: _____ ::OH

Write an equation for the second question

$$7 \times 8 = n$$

Solve the equation



Label your answer

puppies? dollars?
miles? acorns?

Check your work

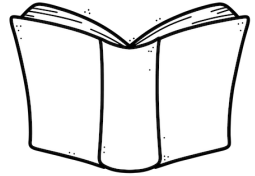
- Do the problem again
- Try a different strategy
- Use manipulatives
- Draw a picture
- Check for reasonableness

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

book collection

On Phoebe's bookshelf, she has nonfiction books, graphic novels, historical fiction, and fantasy books. She has 9 books of each genre. Her bookshelf has 6 shelves and there are an equal number of books per shelf. How many books are on each shelf of Phoebe's bookcase?



HO: _____ ::OH

FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

- Visualize the problem



- Underline key words and circle key numbers



HO: _____ ::OH

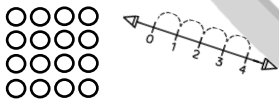
- Find and solve the first question

HO: _____ ::OH

- Write an equation for the second question

$$7 \times 8 = n$$

- Solve the equation



- Label your answer

puppies? dollars?
miles? acorns?

- Check your work

- Do the problem again
- Try a different strategy
- Use manipulatives
- Draw a picture
- Check for reasonableness

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

chapter book

The book *All About Electricity* has 7 chapters. Each chapter is 8 pages long. If Kim has read 32 pages, how many pages does she have left to read?



HO: _____ ::OH

FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

- Visualize the problem



- Underline key words and circle key numbers



HO: _____ ::OH

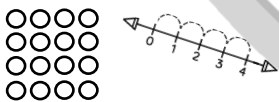
- Find and solve the first question

HO: _____ ::OH

- Write an equation for the second question

$$7 \times 8 = n$$

- Solve the equation



- Label your answer

puppies? dollars?
miles? acorns?

- Check your work

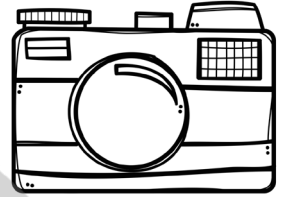
- Do the problem again
- Try a different strategy
- Use manipulatives
- Draw a picture
- Check for reasonableness

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

picture perfect

Doug took 100 pictures. He took an equal number of color pictures and black and white pictures. Of the color pictures, 15 are of his dog. How many of the color photos Doug took are not of his dog?



HO: _____ ::OH

FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

Visualize the problem



Underline key words and circle key numbers



HO: _____ ::OH

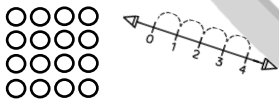
Find and solve the first question

HO: _____ ::OH

Write an equation for the second question

$$7 \times 8 = n$$

Solve the equation



Label your answer

puppies? dollars?
miles? acorns?

Check your work

- Do the problem again
- Try a different strategy
- Use manipulatives
- Draw a picture
- Check for reasonableness

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

pot of soup

Lavender cooked 64 ounces of soup. She divided the soup evenly among 8 bowls. She accidentally spilled 3 ounces out of one of the bowls. How many ounces were left in that bowl?



HO: _____ ::OH

FOLLOW THE PROBLEM-SOLVING STEPS. CHECK THE BOX AFTER YOU HAVE COMPLETED EACH STEP.

Visualize the problem



Underline key words and circle key numbers



HO: _____ ::OH

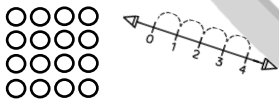
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HO: _____ ::OH

Write an equation for the second question

$$7 \times 8 = n$$

Solve the equation



Label your answer

puppies? dollars?
miles? acorns?

Check your work

- Do the problem again
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NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

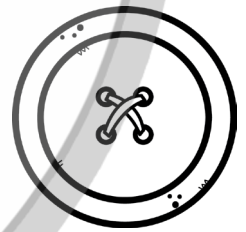
read and solve

Directions: Solve the multi-step word problems below.

- 1** Giovanni is grooming his dog Grover. It took him 4 minutes to clip Grover's nails and 4 times as long to give Grover a bath. How long did Giovanni spend grooming Grover in total?



- 2** Kate is organizing a big bin of buttons. There are 56 buttons in the bin. She separated the buttons equally into 7 baskets. Then, she divided each basket's buttons into four piles. How many buttons were in each pile?



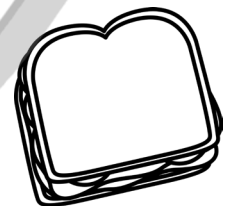
- 3 The Thompson family is going on a road trip. They need to drive 1,485 miles to reach their destination. On Monday, they drive 278 miles. On Tuesday, they drive 313 miles. How many miles do they have left to drive?



- 4 An American Alligator can eat 8 pounds of food in one feeding, but they only feed once a week. How much can two alligators eat in 3 weeks?



- 5 Micah's mom is making grilled cheese sandwiches. She cooks a sandwich for 4 minutes, then flips it over and cooks it for two more minutes. How many grilled cheese sandwiches can she make in 18 minutes?



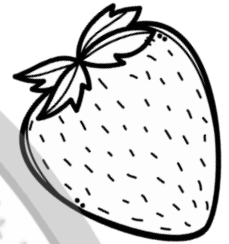
NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

read and solve

Directions: Solve the multi-step word problems below.

- 1** Baris and Lucy are picking strawberries. Baris picked 21 strawberries and Lucy picked 27 strawberries. Baris and Lucy combined their strawberries and divided them equally into 6 baskets. How many strawberries are in each basket?

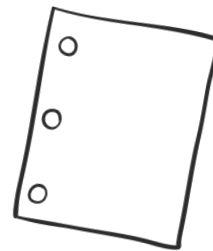


- 2** It's Grandma Alice's birthday. The candles on her cake are arranged in 7 rows of 9. When she blows out the candles, 8 stay lit. How many candles did Grandma Alice blow out?



3

Lynne is writing an essay for language arts. She has written 5 paragraphs and each paragraph has 70 words. When proofreading her essay, she adds 13 words. How many words are in Lynne's essay now?

**4**

Each morning for breakfast, Patricia drinks 4 ounces of milk mixed into 6 ounces of coffee. How many ounces does she drink in total at breakfast during one week?

**5**

Mrs. Monarch puts out a bowl of candy on her desk. She puts 68 chocolate kisses and 46 hard candies in the bowl. At the end of the week, there are 55 candies left in the bowl. How many pieces of candy were taken during the week?



NAME: _____

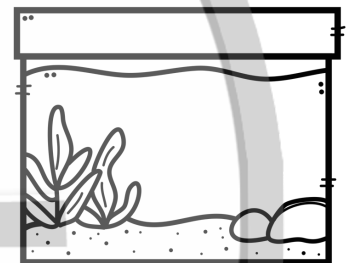
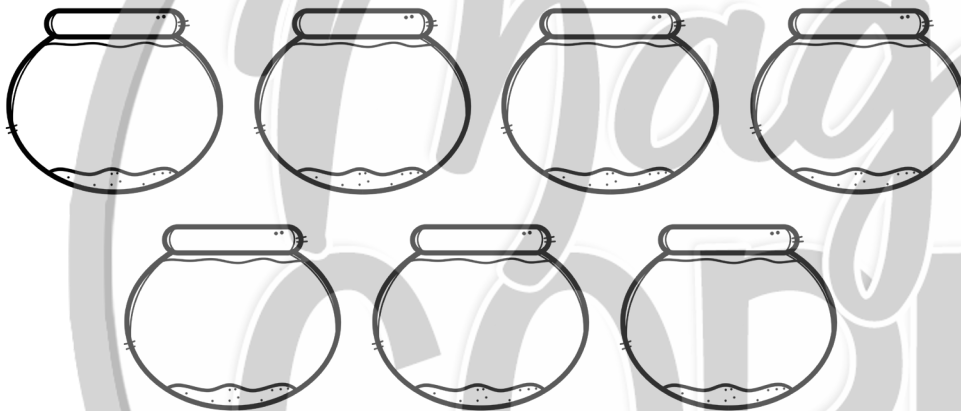
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MULTI-STEP WORD PROBLEMS

drawing remainders

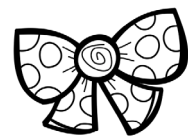
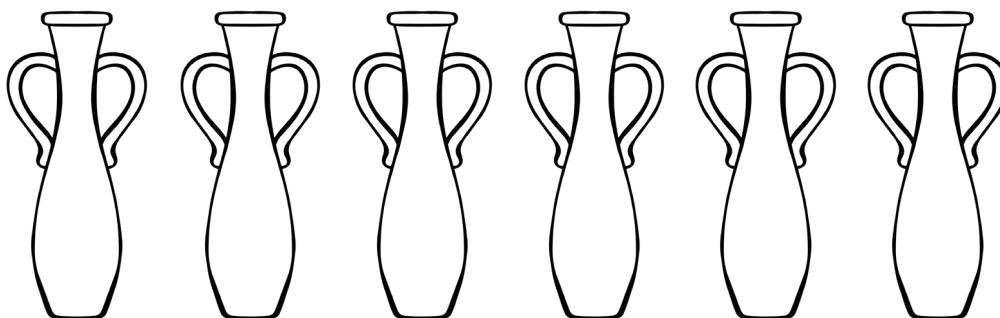
Directions: Solve each word problem by completing the picture.

- 1** Nabeel is moving fish from a large fish tank to smaller fishbowls. There are 11 clown fish and 12 angel fish in the large tank. He places an equal number of fish in 7 fishbowls. He leaves the remaining fish in the large tank. How many fish are in each bowl? How many fish are left in the tank?



Remainder

- 2** Margot cut 16 red roses and 18 pink roses from her garden. She mixes the roses up and places an equal number of roses in each of 6 vases. She ties the leftover roses with a bow to give to her teacher as a gift. How many roses are in each vase? How many roses will Margot give her teacher?



Remainder

NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

test review

Directions: Read the multi-step word problems. Represent each problem with the two equations you need to solve, with a letter standing in for the unknown number. Solve.

- 1** Sally is mowing the lawn. It takes her 7 minutes to mow the front lawn and 5 times as long to mow the backyard. How long did it take Sally to mow the lawn in total?

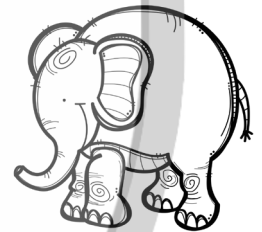


Equation #1

Equation #2

Answer

- 2** The tigers at the zoo eat 40 pounds of meat each day. The elephants eat 50 pounds more food than the tigers each day. They eat an equal amount of fruit, leaves, and grass. How many pounds of fruit do the elephants eat in one week?



Equation #1

Equation #2

Answer

- 3** Marcel has 3 pumpkin plants in his garden. Each plant has 4 pumpkins. He picks all the pumpkins and uses them to bake pies. If each pie requires 2 pumpkins, how many pies can Marcel make?



Equation #1

Equation #2

Answer

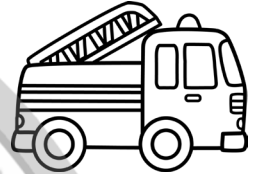
NAME: _____ DATE: _____

MULTI-STEP WORD PROBLEMS

test

Directions: Read the multi-step word problems. Represent each problem with the two equations you need to solve, with a letter standing in for the unknown number. Solve.

- 1** The ladder on a firetruck is made up of 6 different sections that each measure 6 feet long. The firefighters fully extend the ladder, then retract it 5 feet. How long is the ladder now?



Equation #1

Equation #2

Answer

- 2** In a bunch of 27 balloons, there are an equal number of green, red, and blue balloons. Of the blue balloons, there are an equal number of balloons that are plain, sparkly, or see-through. How many sparkly blue balloons are in the bunch?

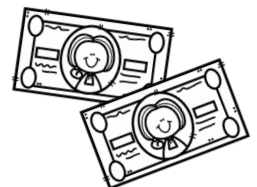


Equation #1

Equation #2

Answer

- 3** The fourth grade at Memorial Elementary raised \$615 for their end of year party. They spent \$326 to hire a magician for the party. A local business then donated \$125 to their fundraiser. How much do they have left for the other party expenses?



Equation #1

Equation #2

Answer

Directions: Solve the multi-step word problems below. Show how you checked your work after solving.

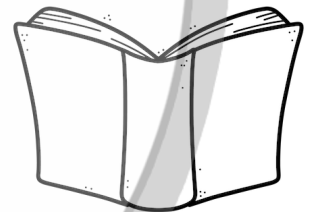
- 4** A bee pollinated 3 daffodils. It pollinated 5 times as many tulips. Of the flowers the bee pollinated, there were an equal number of red, yellow, and pink flowers. How many yellow flowers did the bee pollinate?



Solve the problem

Check your work

- 5** Marcia is reading the book *So You'd Like to Be an Astronaut*. There are 165 pages in the book, and she has 117 pages left to read. She has already read 6 chapters. Each chapter is the same number of pages. How long is each chapter of *So You'd Like to Be an Astronaut*?



Solve the problem

Check your work

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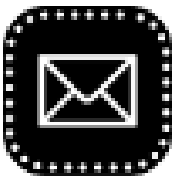
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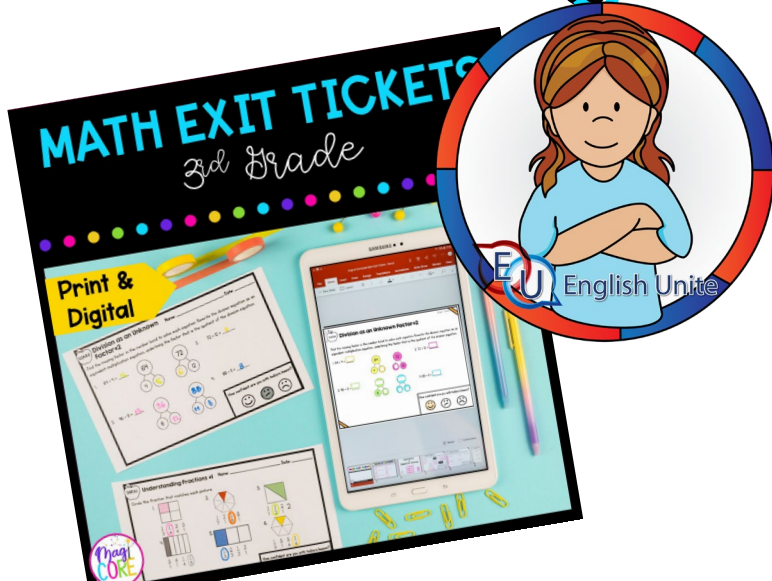


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