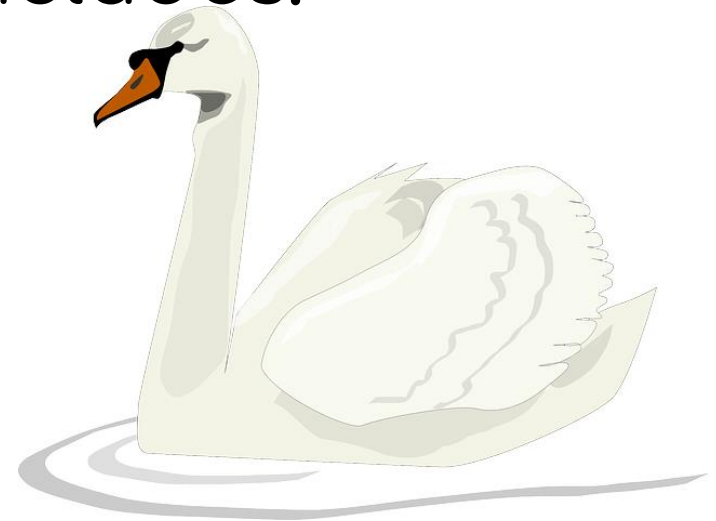


Help students unlock story problems with the  
Word Problems Mastery Series!

## Multiplication & Division Workbook: Part B, Mixed Operation Word Problems

This workbook, one of twelve, Common Core aligned workbooks, in the series, includes:

- 40 daily word problems
- An answer key
- A placement test





3. The wicked witch had 63 newt tails. She needed 7 newt tails for each potion. How many potions can she make?

*Draw a diagram:*



Number sentence: \_\_\_\_\_

Answer: \_\_\_\_\_

Explain how you got your answer: \_\_\_\_\_



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Designed for students needing extra support with word problems, the mastery series separates computational difficulty from word problem from word problem complexity.

Part B includes straightforward, one-step word problems with all four operations, including multiplication & division facts



36. An Asian elephant weight 6,000 pounds. An African elephant weighs about 10,000 pounds. Which is heavier? By how much?


*Draw a diagram:*



Number sentence: \_\_\_\_\_

Answer: \_\_\_\_\_

Explain how you got your answer: \_\_\_\_\_

 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Every word problem includes:

- Space for students to show their work
- A number sentence box
- An answer line long enough for them to write their answers as complete sentences



17. Divergent is 490 pages long. Thea is on page 379. How many more pages does she need to read?

- Number sentence:  $490=379+?$ ,  $490-379=111$
- Answer: She needs to read 111 more pages

18. Divergent is 490 pages long. Insurgent is 519 pages long. How many pages are in both books?

- Number sentence:  $490+519=1,009$
- Answer: Together they are 1,009 pages long

19. Duke practiced basketball for one hour every night for two weeks. How long did he practice?

- Number sentence:  $1 \times 7 \times 2=14$ ,  $(7 \times 2) \times 1=14$
- Answer: He practiced for 14 hours

20. A Costco pizza has 20 slices. If 5 friends are splitting the pizza, how many slices could they each have?

- Number sentence:  $20/5=4$
- Answer: They can each have 4 slices

21. Kelli made \$7 on Friday watching her cousin. If she watched her cousin for 7 Fridays, how much money would she make total?

- Number sentence:  $7 \times 7=49$
- Answer: She would make \$49 if she watched her cousin 7 Fridays

22. A medium fries from McDonalds has 387 calories and a can of Sprite has 146 calories. How many calories do you get if you have both?

- Number sentence:  $387+146=533$
- Answer: If you got both, you would get 533 calories

23. A Big Mac has 563 calories. I burned 91 calories biking for an hour. How many calories do I have left to burn off?

- Number sentence:  $563=91+?$ ,  $563-91=472$
- Answer: You need to burn 472 more calories to burn off the Big Mac



The easy-to-use answer key allows for fast scoring of student work...



1A. Jesus played soccer with Chris for 9 minutes. Then Jesus played soccer with Jayla for 9 more minutes. How long did Jesus play soccer for?



Number Sentence \_\_\_\_\_

Answer \_\_\_\_\_

1C. Mrs. Vanwinkle got nine crayfish. Three died. Then four more were born. How many does she have now?



Number Sentence \_\_\_\_\_

Answer \_\_\_\_\_


While the placement test, also available FREE, helps you know where to start a student in the mastery series!

# Word Problem Strategy


This is a variation of Polya's UPSC strategy.



Understand the problem


 Read the problem.

Underline the question.


 Paraphrase the question.


What are you being asked to figure out?


How many steps do you need to do? One or more than one?

 Make a plan

Circle the numbers that you need. ~~Cross out~~ the ones you don't

 Estimate an answer. Is your final answer going to be bigger or smaller than the numbers in the problem?

 Translate the words of the problem into a diagram or equation.

 Do the math



## Important Numbers



1 year = 365 days

1 month = 28/29, 30, or 31 days

1 week = 7 days

1 day = 24 hours

1 hour = 60 minutes

1 minute = 60 seconds



5,280 feet = 1 mile

3 feet = 1 yard

12 inches = 1 foot



In addition, each packet has a strategy reference sheet & a conversion table!