Operations with Fractions Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show your work. Use one of the strategies for each word problem.

1. You go out for a long walk. You walk 3/4 mile and then sit down to take a rest. Then you walk 3/8 of a mile. How far did you walk altogether?
2. Pam walks 7/8 of a mile to school. Paul walks 1/2 of a mile to school. How much farther does Pam walk than Paul?
3. A school wants to make a new playground by cleaning up an abandoned lot that is shaped like a rectangle. They give the job of planning the playground to a group of students. The students decide to use 1/4 of the playground for a basketball court and 3/8 of the playground for a soccer field. How much is left for the swings and play equipment?
4. Gary watched a ladybug in the yard. It crawled 9/10 of an inch, then rested for a bit, and then crawled 1/10 of an inch more. How far did the ladybug crawl in all?



Computation

1. ¾ ÷ ½
2. 2 ¾ ÷ 1 ¼
3. 10 2/5 ÷ 5 1/5
4. 24/5 ÷ 15/6

Use one of the following strategies with word problems:

* Act it out. Use objects to demonstrate what is happening in the word problem.
* Find a pattern.
* Make a table to show what is happening over time.
* Make a list of what you know.
* Estimate your answer.
* Guess and check.
* Draw a picture to see what is happening.
* Check to see if your answer makes sense.
* Work backwards by picking a number to see if it works.
* Read the problem again. Whisper it to yourself.
* Look for key words to see what operation makes sense.
* Use easier numbers to solve, and then use the real numbers from the problem to solve the same way.

List key words for each operation.

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| --- | --- | --- | --- |
| Add | Subtract | Multiply | Divide |