

From this graph we can tell that the monkey was the favorite animal of most children and the lion was the least favorite.

Order of Operations:

When assisting students with longer, more complex equations, it is important that they understand the order of operations. In working such problems, students should first look at any numbers in parenthesis, then any powers or roots. The remainder of the operations follows:

Multiply, divide, add, subtract.

An easy way to help students remember the order of operations is the following sentence: "Please pardon my dear Aunt Sally."

Parenthesis, powers, multiplication, division, addition, subtraction

For younger students simply use "My dear Aunt Sally" since they may not be working more complex equations.

Using the order of operations the following problem would be solved as shown:

$$\begin{aligned}8 + 6 \times 4 - 8 \div 2 &= \\8 + (6 \times 4) - (8 \div 2) &= \\24 \quad 4 & \\8 + 24 - 4 &= 28\end{aligned}$$

TEKS/TAKS:

The Texas Assessment of Knowledge and Skills (TAKS) is the test that is administered to determine how well a student has learned the Texas Essential Knowledge and Skills (TEKS), which is the standard state curriculum.

The following is a sample of the mathematics TEKS for grades 4

- The student will demonstrate an understanding of numbers, operations, and quantitative reasoning.
 - A student expectation for this objective might be that the student be able to use estimation to find reasonable answers. Below is an example of a TAKS question related to this TEKS:

While on vacation, Emily went shopping everyday. On Monday she spent \$5.34 on a tee shirt. Tuesday she spent \$1.92 on postcards. Wednesday she bought a book that cost \$3.59. Before leaving for home on Thursday, Emily purchased a coffee mug for her grandmother that cost \$2.89. About how much money did Emily spend in all while on vacation?

A \$10.00

B \$14.00

C \$12.00

The correct answer is B.

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