

DAY #1:

WORD PROBLEM KEY WORDS

ADDITION:

1. Add
2. All
3. All Together
4. Altogether
5. And
6. Both
7. Combined
8. Gain of
9. In All
10. Increased by
11. Plus
12. Sum
13. Total

MULTIPLICATION:

1. Double
2. Groups of
3. Multiply
4. Of
5. Product
6. Times
7. Triple
8. Twice
9. How Many Combinations

SUBTRACTION:

1. Decreased By
2. Difference
3. Dropped
4. Fewer
5. How Many Left
6. How many remain
7. How much more
8. Less than
9. Loss of (lost)
10. Minus
11. Remaining
12. Subtract
13. Take Away
14. Gave

DIVISION:

1. Divide
2. Evenly
3. Goes into
4. Groups
5. Half (or other fractions)
6. How many in each?
7. Out of
8. Per
9. Put Equally
10. Quotient of
11. Ratio of

Directions: Work the following word problems using addition, subtraction, multiplication, or division. Some problems may require a combination of these operations.

- At a fair, there are 4 pens of animals. There are 21 cows in the first pen. There are 4 more cows in the second pen than in the first pen, and there are 3 more cows in the third pen than in the second pen. There are 10 cows in the fourth pen. How many animals are there in total between all four pens?

Handwritten solution for problem 1:

21

+

25

+

28

+

10

Add

$$\begin{array}{r} 21 \\ 25 \\ 28 \\ +10 \\ \hline 84 \end{array}$$

84 cows

- Elise bought 21 key chains while on vacation to give to her friends back home. Her brother, Jose, forgot to buy key chains while he was on vacation so Elise gave him one-third of her key chains. How many key chains does Elise have left?

Subtraction - Division

$$\begin{array}{r} 21 \\ - 7 \\ \hline 14 \end{array}$$

14 Keychains

$$\begin{array}{r} 7 \\ 3 \overline{)21} \\ \underline{-21} \\ 00 \end{array}$$

- Pablo is trying to decide what he wants to wear to school today. He has 4 pairs of pants and 6 different shirts. How many different combinations can he make out of these options?

Multiplication

$$4 \times 6 = 24 \text{ combinations}$$

- Susan is carrying 43 index cards in her backpack. Her friend, Lily, asks if she can have 23 of these index cards. How many index cards does Susan have left?

Subtraction

$$\begin{array}{r} 43 \\ - 23 \\ \hline \end{array}$$

20 index cards

A LITTLE WORK ON DIVISION

WEBSITE:

➤ <http://www.kidsnumbers.com/long-division.php>

DIVISION PROBLEMS:

Directions: Solve the following division problems.

1. $4356 \div 3 =$

$$\begin{array}{r} \textcircled{1} \quad 3 \overline{) 4356} \\ \underline{-3} \\ 13 \\ \underline{-12} \\ 015 \\ \underline{-15} \\ 006 \\ \underline{-6} \\ 0 \end{array}$$

2. $7541 \div 4 = 1885 \text{ R}1$

$$\begin{array}{r} \textcircled{2} \quad 4 \overline{) 7541} \\ \underline{-4} \\ 35 \\ \underline{-32} \\ 034 \\ \underline{-32} \\ 21 \\ \underline{-20} \\ 01 \end{array}$$

3. $1005 \div 74 = 13 \text{ R}43$

$$\begin{array}{r} \textcircled{3} \quad 74 \overline{) 1005} \\ \underline{-74} \\ 265 \\ \underline{-222} \\ 43 \end{array}$$

4. $770 \div 22 =$

43 is smaller than 74 so the remainder 43 and i am done

$$\begin{array}{r} 35 \text{ R}0 \\ 22 \overline{) 770} \\ \underline{-66} \\ 110 \\ \underline{-110} \\ 000 \end{array}$$

5. $3221 \div 37 =$

One is smaller than four. so the remainder is one and i am done