

Westin Math Riddles



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Multiplication Word Problems

1. There are nine groups of dolphins and twenty dolphins are in each group. How many dolphins are there in all?



$$9 \times 20 =$$

2. Justin has eight bins and there are eight toys in each bin. How many toys are there in all?



$$8 \times 8 =$$

3. I have six boxes of pens. If I have six pens in each box how many pens are there in total?



$$6 \times 6 =$$

4. I have eight groups of toys and each group contains two toys each. How many toys do I have in all?



$$8 \times 2 =$$

5. Justin has seven picture books to read, there are four pages to read in each book. If Justin reads all of his books how many pages did he read?

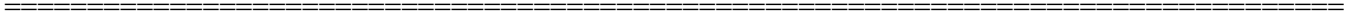


$7 \times 4 =$

6. I have nine shelves with three books on each shelf. How many books do I have in total?



$9 \times 3 =$



Division Word Problems

1. I have twelve Lego sets and six of my friends are going to help me build them. How many Lego sets can each friend build if I gave out the sets equally?



$12/6=$

2. Bill have thirty six books. If I put nine books on a shelf how many shelves do I need to put away all the books?



$36/9=$

3. I have twenty one pieces of toys. I want to split them in seven bins equally. How many toys go into each bin?



$21/7=$

4. I gave my friends six pieces of candy each. I had thirty six pieces of candy in all. How many friends did I give candy to?



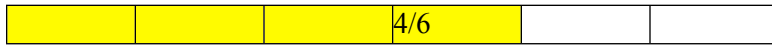
$36/6=$

5. I have twenty eight bags of chips. If I separate all my chips evenly into seven boxes how many bags of chips goes into each box hold?

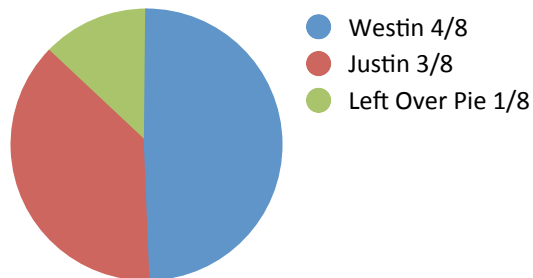


Fraction Word Problems

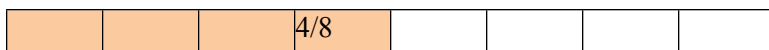
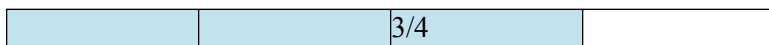
1. Justin is $\frac{4}{6}$ blocks away from school, Billy is $\frac{3}{8}$ blocks away from school. Who is closer to school?



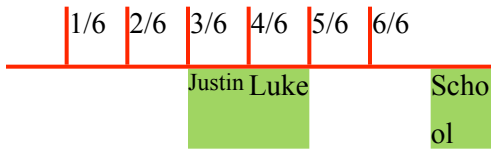
2. Westin ate $\frac{4}{8}$ of an apple pie and Justin ate $\frac{3}{8}$ of the same pie. Who ate the most pie?



3. Billy ate $\frac{3}{4}$ of a chocolate cookie and Westin ate $\frac{4}{8}$ of a sugar cookie. Who ate more of their cookie?



4. True for False. Justin is closer to school than Luke.



Multi-Step Word Problems

1. There were 128 people at Justin's party. 91 people left and then 36 more people came later on. How many people are at the party?



$$128 - 91 = \underline{\quad}$$

$$\underline{\quad} + 36 = \underline{\quad}$$

2. Billy has 182 toys, he lost 94 toys and bought 98 more. How many toys does he have?



$$182 - 94 = \underline{\quad}$$

$$\underline{\quad} + 98 = \underline{\quad}$$

3. I have 96 books to read. I read 63 books on Tuesday and bought 21 more books on Wednesday. How many books do I have now to read?



$$96 - 63 = \underline{\quad}$$

$$\underline{\quad} + 21 = \underline{\quad}$$

4. Luke has 86 toy trains. He lost 60 trains and got 76 more trains. How many toy trains does Luke have?



$$86 - 60 = \underline{\quad}$$

$$\underline{\quad} + 76 = \underline{\quad}$$

Multiplication

1. $9 \times 20 = 180$ dolphins
2. $8 \times 8 = 64$ toys
3. $6 \times 6 = 36$ pens
4. $8 \times 2 = 16$ toys
5. $7 \times 4 = 28$ pages
6. $9 \times 3 = 27$ books

Division

1. $12/6 = 2$ sets each
2. $36/9 = 4$ shelves
3. $21/7 = 3$ toys
4. $36/6 = 6$ friends
5. $28/7 = 4$ bags of chips

Fraction

1. $4/6 > 3/8$ Justin is closer to school.
2. $4/8 > 3/8$ Westin ate more of the apple pie.
3. $3/4 > 4/8$ Billy ate more cookie than We
4. False. Luke is closer to school than Justin.

Multi step

1. $(128 - 91) + 36 = 73$ people
2. $(182 - 94) + 98 = 186$ toys
3. $(96 - 63) + 21 = 54$ books
4. $(86 - 60) + 76 = 102$ toy trains