



Mixed addition & subtraction word problems

Grade 3 Math Word Problems Worksheet

Alvin is trying to build a small house in the forest so that he has a place to stay when he goes hiking.

1. He started by gathering some wood. According to his blueprint, he will need 376 boards of wood. If his friend gave him 123 boards and his brother gave him 136 boards, how many more boards does he need to gather?
2. He also needed some nails. He already had 247 nails from last year, he purchased another 109 nails at the store and then he found another 144 in his toolshed. How many nails does he have?
3. To add support, Alvin decided to tie the wood joints with rope. He needs 185 feet of rope. He had 46 feet of rope to start and then his friend gave him some more. Now Alvin only needs 57 feet. How many feet of rope did his friend give to him?





4. Alvin wanted to make sure that he is protected from the cold evenings in the forest, so he decided to build a fireplace made of cement. If he bought 215 lbs of cement and his son brought another 137 lbs, how much cement did he have originally if he now has 450 lbs?
5. For finishing touches, Alvin needs 70 gallons of paint. If he bought 23 gallons to add to his existing 36 gallons of paint, how much more paint will he need?



Answers

1. $376 - 123 - 136 = 117$
He needs to gather 117 more boards.
2. $247 + 109 + 144 = 500$
He has 500 nails.
3. First, $57 + 46 = 103$; then, $185 - 103 = 82$
His friends gave him 82 feet of rope.
4. First, $215 + 137 = 352$; then, $450 - 352 = 98$
He originally had 98 lbs of cement.
5. $70 - 23 - 36 = 11$
He needs 11 more gallons of paint.