

Grade 3 Math Word Problems Worksheet

Read and answer each question. Show your work!

Multiplication Word Problems A3

John is building a tree house to serve as his hideout whenever he wanted to spend some time alone with himself.

1. The first thing he did is to gather some materials. For the pillars, he needs two sets of wood with different lengths. If the first set of wood is 4 feet long and the second set is 5 times longer than the first set, how long is the second set of wood?
2. Another material that he needs is rope. If he already has 6 feet of rope and he needs additional ropes having 5 times the length of what he already have, how long should be the additional rope?
3. For the walls of the house, he would use 9 large planks of wood. If each plank of wood needs 8 pieces of nails to be secured, how many nails does John need for the house wall?
4. For the roof, John would need 2 sets of metal bars for support. If each set has 7 metal bars, how many metal bars are there in all?
5. For the final touches, John wanted to paint the house using the 3 primary colors. If he has 5 liters of paint for each color, how many liters of paint does he have in all?

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1. The first thing he did is to gather some materials. For the pillars, he needs two sets of wood with different lengths. If the first set of wood is 4 feet long and the second set is 5 times longer than the first set, how long is the second set of wood?

Answer: $4 \times 5 = 20$

The second set of wood is 20 feet long.

2. Another material that he needs is rope. If he already has 6 feet of rope and he needs additional ropes having 5 times the length of what he already have, how long should be the additional rope?

Answer: $6 \times 5 = 30$

The additional rope should be 30 feet long.

3. For the walls of the house, he would use 9 large planks of wood. If each plank of wood needs 8 pieces of nails to be secured, how many nails does John need for the house wall?

Answer: $9 \times 8 = 72$

John needs 72 pieces of nails for the house wall.

4. For the roof, John would need 2 sets of metal bars for support. If each set has 7 metal bars, how many metal bars are there in all?

Answer: $2 \times 7 = 14$

There are a total of 14 metal bars.

5. For the final touches, John wanted to paint the house using the 3 primary colors. If he has 5 liters of paint for each color, how many liters of paint does he have in all?

Answer: $3 \times 5 = 15$

He has 15 liters of paint.