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Division word problems

Grade 3 Math Word Problems Worksheet

Matt and his friends were thinking of making Christmas decorations for their clubhouse.

1.   They are to repaint 350 balls in ten different colors. If they painted an equal number of balls for every color, how many balls are there for each color?

2.   They had 119 matchboxes wrapped in colorful shiny wrappers. If they are to distribute the matchboxes equally to the 9 houses in the first block, how may matchboxes will each house receive?

3.   How many colorful matchboxes will they have left?

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4. They also gathered paper to create some star-shaped papier-mâché. If each star requires 20 pieces of paper and they had 680 pieces of paper, how many stars were they able to make? Was there any paper left over?

5. Matt had 4 small cans of gold paint. When painting the stars, he ran out of paint with 2 stars left unpainted. How many stars did he paint over? How many stars can each can of paint cover?

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Answers

1. 350 ÷ 10 = 35
    There are 35 balls for each color.

2. 119 ÷ 9 = 13 remainder 2
    Each house will receive 13 colorful matchboxes.

3. They will have 2 colorful matchboxes left.

4. 680 ÷ 20 = 34
    They were able to make 34 stars. There was no paper leftover.

5. 34 - 2 = 32 number of stars painted
    32 ÷ 4 = 8
    Each can covered 8 stars.