Math Practice - Grade 5

M8 Divide unit fractions and whole numbers - Division word problems

M8 5.NF.B.7, 5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c

Name: _____ Date: _____

Read the story. Write the division and the answer.

Example: 1/4 of a liter of paint is shared equally by 7 friends. How much paint does each friend get?

How: Sharing a fraction gives a smaller answer, and counting parts in a whole number gives a larger answer. Check by multiplying the answer by the divisor.

$$\frac{1}{28}$$

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1 **How many 1/11-cup servings are in 2 cups of raisins?**

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2 **1/8 of a liter of paint is shared equally by 9 friends. How much paint does each friend get?**

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3 **How many 1/3-cup servings are in 6 cups of raisins?**

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M8 5.NF.B.7, 5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c

Name: _____ Date: _____

Read the story. Write the division and the answer.

Example: 3 friends share 1/9 of a cake equally. How much cake does each friend get?

How: Sharing a fraction gives a smaller answer, and counting parts in a whole number gives a larger answer. Check by multiplying the answer by the divisor.

$$\frac{1}{27}$$

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1 **1/10 of a liter of paint is shared equally by 2 friends. How much paint does each friend get?**

$$\frac{\quad}{\quad}$$

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2 **How many 1/10-cup servings are in 4 cups of raisins?**

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3 **6 friends share 1/4 of a cake equally. How much cake does each friend get?**

$$\frac{\quad}{\quad}$$

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Name: _____ Date: _____

Read the story. Write the division and the answer.

Example: 1/7 of a liter of paint is shared equally by 2 friends. How much paint does each friend get?

How: Sharing a fraction gives a smaller answer, and counting parts in a whole number gives a larger answer. Check by multiplying the answer by the divisor.

$$\frac{1}{14}$$

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1 **How many 1/10-cup servings are in 9 cups of raisins?**

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2 **A ribbon 4 feet long is cut into pieces 1/8 foot long. How many pieces are there?**

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3 **7 friends share 1/2 of a cake equally. How much cake does each friend get?**