



Name _____

Date _____

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Multiplying Fractions by a Whole Number
Word Problems
(4.NF.4)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. 😊

Each student in a sewing class receives $\frac{2}{8}$ of a yard of fabric. If there are 9 students in the class, how much fabric will the instructor need to hand out?

Answer: _____

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$$9/1 \times 2/8 = 18/8 = 2 \frac{2}{8}$$

2	2	2	2
8	8	8	8

2	2	2	2
8	8	8	8

2
8

The instructor will need to hand out $18/8$ or $2 \frac{2}{8}$ yards of fabric.