



# Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Worksheet #28007

**Name:****Standard: CCSS.Math.Content.5.NF.B.4.a**

Description: Interpret the product  $(a/b) \times q$  as a parts of a partition of  $q$  into  $b$  equal parts; equivalently, as the result of a sequence of operations  $a \times q \div b$ . For example, use a visual fraction model to show  $(2/3) \times 4 = 8/3$ , and create a story context for this equation. Do the same with  $(2/3) \times (4/5) = 8/15$ . (In general,  $(a/b) \times (c/d) = ac/bd$ .)

## Multiply Proper Fractions by Proper Fractions:

1. $8/13 \times 8/12 =$	6. $3/6 \times 3/19 =$
2. $8/14 \times 4/16 =$	7. $3/12 \times 3/12 =$
3. $5/8 \times 7/9 =$	8. $16/17 \times 3/8 =$
4. $6/18 \times 3/4 =$	9. $12/13 \times 1/3 =$
5. $1/2 \times 2/3 =$	10. $9/11 \times 9/11 =$

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