



# Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Worksheet #27300

**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 a Whole Number:

|                        |                        |
|------------------------|------------------------|
| 1. $11/15 \times 11 =$ | 6. $3/9 \times 4 =$    |
| 2. $9/20 \times 4 =$   | 7. $2/18 \times 15 =$  |
| 3. $6/20 \times 16 =$  | 8. $16/17 \times 13 =$ |
| 4. $6/10 \times 4 =$   | 9. $6/8 \times 12 =$   |
| 5. $2/3 \times 2 =$    | 10. $6/16 \times 20 =$ |

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