



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Worksheet #28068

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. $7/13 \times 7/15 =$ | 6. $9/17 \times 1/5 =$ |
| 2. $13/14 \times 12/15 =$ | 7. $8/17 \times 6/9 =$ |
| 3. $3/9 \times 8/15 =$ | 8. $1/2 \times 7/11 =$ |
| 4. $12/13 \times 11/13 =$ | 9. $2/10 \times 1/3 =$ |
| 5. $5/6 \times 2/8 =$ | 10. $4/5 \times 10/19 =$ |

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