



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Worksheet #28040

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. $9/13 \times 4/12 =$ | 6. $2/4 \times 3/11 =$ |
| 2. $3/12 \times 6/8 =$ | 7. $4/9 \times 1/2 =$ |
| 3. $2/4 \times 10/11 =$ | 8. $5/17 \times 6/13 =$ |
| 4. $5/8 \times 11/14 =$ | 9. $3/20 \times 8/16 =$ |
| 5. $1/2 \times 14/18 =$ | 10. $1/8 \times 3/7 =$ |

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