



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Worksheet #27254

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

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