



## CCSS Mathematics - Answer Keys for Grade 5

CCSS.Math.Content.5.NF.B.4.a - Answer Key for Worksheet #27298

### Answer Key

### 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:

<b>1. <math>1/9 \times 9 =</math></b> <b>Answer: 1</b>	<b>6. <math>1/7 \times 8 =</math></b> <b>Answer: <math>8/7</math></b>
<b>2. <math>14/18 \times 4 =</math></b> <b>Answer: <math>28/9</math></b>	<b>7. <math>5/10 \times 5 =</math></b> <b>Answer: <math>5/2</math></b>
<b>3. <math>1/2 \times 12 =</math></b> <b>Answer: 6</b>	<b>8. <math>5/8 \times 17 =</math></b> <b>Answer: <math>85/8</math></b>
<b>4. <math>3/16 \times 18 =</math></b> <b>Answer: <math>27/8</math></b>	<b>9. <math>1/2 \times 19 =</math></b> <b>Answer: <math>19/2</math></b>
<b>5. <math>7/11 \times 4 =</math></b> <b>Answer: <math>28/11</math></b>	<b>10. <math>4/10 \times 3 =</math></b> <b>Answer: <math>6/5</math></b>

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