



Math worksheet on 'Fraction Multiplication - Mixed by Whole - Don't Simplify (Level 3)'. Part of a broader unit on 'Fraction Multiplication - Advanced'

Learn online: [app.mobius.academy/math/units/fractions\\_multiplication\\_advanced/](http://app.mobius.academy/math/units/fractions_multiplication_advanced/)

**1** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |                |   |   |
|------------------------|---|---------------|---|----------------|---|---|
| $3 \times \frac{5}{6}$ | a | $\frac{8}{7}$ | b | $\frac{18}{5}$ | c | 8 |
|                        | d | $\frac{8}{6}$ | e | $\frac{15}{6}$ |   |   |

**2** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |               |   |                |
|------------------------|---|---------------|---|---------------|---|----------------|
| $\frac{2}{4} \times 4$ | a | 6             | b | $\frac{8}{4}$ | c | $\frac{2}{16}$ |
|                        | d | $\frac{6}{5}$ | e | $\frac{6}{4}$ |   |                |

**3** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |               |   |               |
|------------------------|---|---------------|---|---------------|---|---------------|
| $2 \times \frac{1}{6}$ | a | 12            | b | 3             | c | $\frac{2}{6}$ |
|                        | d | $\frac{3}{6}$ | e | $\frac{3}{7}$ |   |               |

**4** Multiply these fractions (don't simplify the answer)

|                        |   |                |   |               |   |                |
|------------------------|---|----------------|---|---------------|---|----------------|
| $\frac{4}{5} \times 5$ | a | $\frac{9}{6}$  | b | 9             | c | $\frac{4}{25}$ |
|                        | d | $\frac{20}{5}$ | e | $\frac{9}{5}$ |   |                |

**5** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |               |   |                |
|------------------------|---|---------------|---|---------------|---|----------------|
| $\frac{1}{6} \times 2$ | a | $\frac{2}{6}$ | b | $\frac{3}{7}$ | c | $\frac{1}{12}$ |
|                        | d | 3             | e | $\frac{3}{6}$ |   |                |

**6** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |                |   |   |
|------------------------|---|---------------|---|----------------|---|---|
| $4 \times \frac{2}{4}$ | a | $\frac{6}{4}$ | b | $\frac{6}{5}$  | c | 6 |
|                        | d | $\frac{8}{4}$ | e | $\frac{16}{2}$ |   |   |

**7** Multiply these fractions (don't simplify the answer)

|                        |   |               |   |                |   |                |
|------------------------|---|---------------|---|----------------|---|----------------|
| $\frac{2}{6} \times 5$ | a | $\frac{7}{7}$ | b | $\frac{7}{6}$  | c | $\frac{10}{6}$ |
|                        | d | 7             | e | $\frac{2}{30}$ |   |                |