

Multiplying Fractions - ANSWER KEY

Grade 5 | Multiplying fraction $\times$ fraction and fraction $\times$ whole number, then simplifying | Version 1 of 10

Multiply. Write each answer in simplest form.

1. $\frac{3}{9} \times \frac{3}{7} = \boxed{\frac{1}{7}}$ 2. $\frac{3}{8} \times 3 = \boxed{\frac{9}{8}}$ 3. $\frac{2}{6} \times \frac{6}{4} = \boxed{\frac{1}{2}}$

4. $\frac{1}{3} \times 4 = \boxed{\frac{4}{3}}$ 5. $\frac{6}{9} \times \frac{6}{6} = \boxed{\frac{2}{3}}$ 6. $\frac{1}{3} \times \frac{6}{3} = \boxed{\frac{2}{3}}$

7. $\frac{3}{6} \times \frac{4}{7} = \boxed{\frac{2}{7}}$ 8. $\frac{5}{2} \times \frac{3}{4} = \boxed{\frac{15}{8}}$ 9. $\frac{4}{8} \times \frac{3}{5} = \boxed{\frac{3}{10}}$

10. $\frac{3}{8} \times 6 = \boxed{\frac{9}{4}}$ 11. $\frac{3}{9} \times \frac{2}{3} = \boxed{\frac{2}{9}}$ 12. $\frac{1}{4} \times 4 = \boxed{1}$

13. $\frac{3}{3} \times \frac{3}{5} = \boxed{\frac{3}{5}}$ 14. $\frac{5}{3} \times 2 = \boxed{\frac{10}{3}}$ 15. $\frac{4}{4} \times 7 = \boxed{7}$

Multiplying Fractions - ANSWER KEY

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Multiply. Write each answer in simplest form.

1. $\frac{5}{2} \times \frac{6}{8} = \boxed{15/8}$ 2. $\frac{2}{7} \times \frac{6}{4} = \boxed{3/7}$ 3. $\frac{6}{2} \times \frac{3}{4} = \boxed{9/4}$

4. $\frac{4}{3} \times \frac{3}{2} = \boxed{2}$ 5. $\frac{6}{4} \times \frac{2}{9} = \boxed{1/3}$ 6. $\frac{3}{2} \times \frac{5}{6} = \boxed{5/4}$

7. $\frac{2}{9} \times \frac{5}{3} = \boxed{10/27}$ 8. $\frac{1}{5} \times \frac{5}{3} = \boxed{1/3}$ 9. $\frac{5}{4} \times \frac{5}{3} = \boxed{25/12}$

10. $\frac{3}{5} \times 5 = \boxed{3}$ 11. $\frac{5}{6} \times 5 = \boxed{25/6}$ 12. $\frac{4}{4} \times \frac{4}{2} = \boxed{2}$

13. $\frac{6}{3} \times 7 = \boxed{14}$ 14. $\frac{1}{8} \times \frac{1}{5} = \boxed{1/40}$ 15. $\frac{6}{3} \times 5 = \boxed{10}$

Multiplying Fractions - ANSWER KEY

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Multiply. Write each answer in simplest form.

1. $\frac{2}{5} \times 6 = \boxed{12/5}$ 2. $\frac{4}{7} \times 6 = \boxed{24/7}$ 3. $\frac{5}{2} \times \frac{6}{7} = \boxed{15/7}$

4. $\frac{1}{8} \times 5 = \boxed{5/8}$ 5. $\frac{5}{4} \times \frac{1}{4} = \boxed{5/16}$ 6. $\frac{3}{7} \times \frac{5}{4} = \boxed{15/28}$

7. $\frac{1}{9} \times \frac{1}{4} = \boxed{1/36}$ 8. $\frac{6}{6} \times \frac{1}{2} = \boxed{1/2}$ 9. $\frac{6}{5} \times \frac{3}{5} = \boxed{18/25}$

10. $\frac{3}{6} \times 7 = \boxed{7/2}$ 11. $\frac{3}{3} \times 4 = \boxed{4}$ 12. $\frac{5}{2} \times 7 = \boxed{35/2}$

13. $\frac{6}{3} \times \frac{4}{8} = \boxed{1}$ 14. $\frac{2}{4} \times 5 = \boxed{5/2}$ 15. $\frac{1}{2} \times 4 = \boxed{2}$

Multiplying Fractions - ANSWER KEY

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Multiply. Write each answer in simplest form.

1. $\frac{4}{6} \times 2 = \boxed{\frac{4}{3}}$ 2. $\frac{3}{3} \times \frac{3}{6} = \boxed{\frac{1}{2}}$ 3. $\frac{3}{7} \times \frac{6}{3} = \boxed{\frac{6}{7}}$

4. $\frac{4}{7} \times \frac{4}{8} = \boxed{\frac{2}{7}}$ 5. $\frac{3}{2} \times \frac{3}{6} = \boxed{\frac{3}{4}}$ 6. $\frac{3}{6} \times \frac{3}{3} = \boxed{\frac{1}{2}}$

7. $\frac{2}{6} \times 5 = \boxed{\frac{5}{3}}$ 8. $\frac{5}{3} \times \frac{4}{9} = \boxed{\frac{20}{27}}$ 9. $\frac{4}{8} \times 3 = \boxed{\frac{3}{2}}$

10. $\frac{5}{7} \times \frac{2}{5} = \boxed{\frac{2}{7}}$ 11. $\frac{6}{4} \times \frac{5}{7} = \boxed{\frac{15}{14}}$ 12. $\frac{5}{6} \times \frac{3}{6} = \boxed{\frac{5}{12}}$

13. $\frac{5}{5} \times \frac{5}{9} = \boxed{\frac{5}{9}}$ 14. $\frac{6}{8} \times 2 = \boxed{\frac{3}{2}}$ 15. $\frac{1}{6} \times \frac{6}{8} = \boxed{\frac{1}{8}}$

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Multiply. Write each answer in simplest form.

1. $\frac{4}{6} \times \frac{2}{5} = \boxed{\frac{4}{15}}$ 2. $\frac{3}{5} \times \frac{2}{7} = \boxed{\frac{6}{35}}$ 3. $\frac{4}{9} \times \frac{1}{6} = \boxed{\frac{2}{27}}$

4. $\frac{4}{8} \times \frac{1}{7} = \boxed{\frac{1}{14}}$ 5. $\frac{5}{5} \times \frac{4}{2} = \boxed{2}$ 6. $\frac{6}{7} \times 6 = \boxed{\frac{36}{7}}$

7. $\frac{3}{5} \times 6 = \boxed{\frac{18}{5}}$ 8. $\frac{3}{9} \times \frac{3}{5} = \boxed{\frac{1}{5}}$ 9. $\frac{1}{8} \times \frac{2}{6} = \boxed{\frac{1}{24}}$

10. $\frac{2}{5} \times \frac{3}{9} = \boxed{\frac{2}{15}}$ 11. $\frac{5}{2} \times \frac{2}{5} = \boxed{1}$ 12. $\frac{1}{6} \times \frac{4}{2} = \boxed{\frac{1}{3}}$

13. $\frac{3}{7} \times \frac{1}{9} = \boxed{\frac{1}{21}}$ 14. $\frac{2}{3} \times 2 = \boxed{\frac{4}{3}}$ 15. $\frac{2}{3} \times \frac{1}{5} = \boxed{\frac{2}{15}}$

Multiplying Fractions - ANSWER KEY

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Multiply. Write each answer in simplest form.

1. $\frac{3}{7} \times \frac{2}{7} = \boxed{\frac{6}{49}}$ 2. $\frac{1}{3} \times \frac{3}{7} = \boxed{\frac{1}{7}}$ 3. $\frac{6}{5} \times \frac{2}{9} = \boxed{\frac{4}{15}}$

4. $\frac{2}{2} \times 4 = \boxed{4}$ 5. $\frac{4}{5} \times \frac{5}{7} = \boxed{\frac{4}{7}}$ 6. $\frac{5}{9} \times \frac{4}{2} = \boxed{\frac{10}{9}}$

7. $\frac{1}{8} \times \frac{5}{7} = \boxed{\frac{5}{56}}$ 8. $\frac{1}{8} \times \frac{4}{6} = \boxed{\frac{1}{12}}$ 9. $\frac{1}{8} \times \frac{4}{4} = \boxed{\frac{1}{8}}$

10. $\frac{6}{7} \times \frac{2}{3} = \boxed{\frac{4}{7}}$ 11. $\frac{5}{3} \times \frac{2}{9} = \boxed{\frac{10}{27}}$ 12. $\frac{5}{7} \times 2 = \boxed{\frac{10}{7}}$

13. $\frac{6}{5} \times 6 = \boxed{\frac{36}{5}}$ 14. $\frac{6}{6} \times 2 = \boxed{2}$ 15. $\frac{3}{9} \times 3 = \boxed{1}$

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Multiply. Write each answer in simplest form.

1. $\frac{4}{5} \times \frac{5}{9} = \boxed{\frac{4}{9}}$ 2. $\frac{4}{4} \times \frac{4}{9} = \boxed{\frac{4}{9}}$ 3. $\frac{5}{9} \times 3 = \boxed{\frac{5}{3}}$

4. $\frac{5}{5} \times 7 = \boxed{7}$ 5. $\frac{5}{7} \times \frac{1}{2} = \boxed{\frac{5}{14}}$ 6. $\frac{5}{9} \times \frac{2}{3} = \boxed{\frac{10}{27}}$

7. $\frac{2}{7} \times \frac{6}{7} = \boxed{\frac{12}{49}}$ 8. $\frac{4}{7} \times \frac{1}{7} = \boxed{\frac{4}{49}}$ 9. $\frac{3}{7} \times 4 = \boxed{\frac{12}{7}}$

10. $\frac{4}{5} \times 7 = \boxed{\frac{28}{5}}$ 11. $\frac{1}{7} \times \frac{1}{6} = \boxed{\frac{1}{42}}$ 12. $\frac{3}{5} \times \frac{2}{8} = \boxed{\frac{3}{20}}$

13. $\frac{5}{7} \times \frac{6}{8} = \boxed{\frac{15}{28}}$ 14. $\frac{3}{7} \times \frac{5}{6} = \boxed{\frac{5}{14}}$ 15. $\frac{3}{3} \times \frac{4}{8} = \boxed{\frac{1}{2}}$

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Grade 5 | Multiplying fraction $\times$ fraction and fraction $\times$ whole number, then simplifying | Version 8 of 10

Multiply. Write each answer in simplest form.

1. $\frac{5}{4} \times \frac{3}{4} = \boxed{15/16}$ 2. $\frac{2}{6} \times 6 = \boxed{2}$ 3. $\frac{4}{2} \times \frac{1}{4} = \boxed{1/2}$

4. $\frac{1}{5} \times \frac{1}{6} = \boxed{1/30}$ 5. $\frac{6}{6} \times 7 = \boxed{7}$ 6. $\frac{3}{4} \times \frac{1}{5} = \boxed{3/20}$

7. $\frac{3}{6} \times \frac{3}{8} = \boxed{3/16}$ 8. $\frac{4}{5} \times \frac{1}{4} = \boxed{1/5}$ 9. $\frac{6}{8} \times 3 = \boxed{9/4}$

10. $\frac{1}{8} \times \frac{6}{9} = \boxed{1/12}$ 11. $\frac{3}{4} \times 5 = \boxed{15/4}$ 12. $\frac{6}{3} \times \frac{1}{8} = \boxed{1/4}$

13. $\frac{6}{7} \times \frac{1}{3} = \boxed{2/7}$ 14. $\frac{1}{3} \times 7 = \boxed{7/3}$ 15. $\frac{4}{6} \times 5 = \boxed{10/3}$

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Multiply. Write each answer in simplest form.

1. $\frac{6}{9} \times 3 = \boxed{2}$ 2. $\frac{3}{4} \times 6 = \boxed{9/2}$ 3. $\frac{1}{8} \times 3 = \boxed{3/8}$

4. $\frac{5}{5} \times \frac{6}{6} = \boxed{1}$ 5. $\frac{5}{8} \times \frac{5}{8} = \boxed{25/64}$ 6. $\frac{6}{6} \times \frac{5}{6} = \boxed{5/6}$

7. $\frac{5}{2} \times \frac{1}{3} = \boxed{5/6}$ 8. $\frac{2}{8} \times \frac{1}{2} = \boxed{1/8}$ 9. $\frac{1}{6} \times \frac{2}{7} = \boxed{1/21}$

10. $\frac{6}{6} \times \frac{3}{4} = \boxed{3/4}$ 11. $\frac{5}{9} \times 6 = \boxed{10/3}$ 12. $\frac{5}{5} \times \frac{6}{4} = \boxed{3/2}$

13. $\frac{1}{2} \times \frac{5}{8} = \boxed{5/16}$ 14. $\frac{6}{5} \times 7 = \boxed{42/5}$ 15. $\frac{2}{4} \times \frac{6}{8} = \boxed{3/8}$

Multiplying Fractions - ANSWER KEY

Grade 5 | Multiplying fraction $\times$ fraction and fraction $\times$ whole number, then simplifying | Version 10 of 10

Multiply. Write each answer in simplest form.

1. $\frac{1}{7} \times 2 = \boxed{2/7}$ 2. $\frac{3}{6} \times 6 = \boxed{3}$ 3. $\frac{1}{9} \times \frac{3}{4} = \boxed{1/12}$

4. $\frac{2}{9} \times \frac{6}{2} = \boxed{2/3}$ 5. $\frac{2}{9} \times 5 = \boxed{10/9}$ 6. $\frac{6}{2} \times 2 = \boxed{6}$

7. $\frac{5}{7} \times 3 = \boxed{15/7}$ 8. $\frac{3}{4} \times \frac{3}{5} = \boxed{9/20}$ 9. $\frac{2}{7} \times \frac{2}{3} = \boxed{4/21}$

10. $\frac{1}{5} \times 3 = \boxed{3/5}$ 11. $\frac{2}{5} \times 4 = \boxed{8/5}$ 12. $\frac{6}{5} \times \frac{2}{8} = \boxed{3/10}$

13. $\frac{3}{7} \times \frac{1}{6} = \boxed{1/14}$ 14. $\frac{6}{3} \times \frac{2}{5} = \boxed{4/5}$ 15. $\frac{4}{3} \times 5 = \boxed{20/3}$