

Multiplying and Dividing Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{1}{2} \times \frac{5}{4}$

6. $\frac{1}{4} \times \frac{5}{3}$

11. $\frac{10}{3} \times \frac{11}{6}$

2. $\frac{1}{6} \div \frac{8}{11}$

7. $\frac{11}{2} \div \frac{1}{2}$

12. $\frac{1}{2} \div \frac{1}{2}$

3. $\frac{1}{3} \div \frac{13}{9}$

8. $\frac{4}{3} \div \frac{11}{12}$

13. $\frac{14}{9} \times \frac{7}{10}$

4. $\frac{13}{4} \div \frac{1}{2}$

9. $\frac{1}{3} \times \frac{20}{9}$

14. $\frac{15}{8} \times \frac{7}{6}$

5. $\frac{17}{6} \div \frac{3}{5}$

10. $\frac{13}{7} \times \frac{14}{11}$

15. $\frac{3}{2} \div \frac{4}{9}$

Multiplying and Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{2} \times \frac{5}{4} \\ = \frac{5}{8}$$

$$6. \frac{1}{4} \times \frac{5}{3} \\ = \frac{5}{12}$$

$$11. \frac{10}{3} \times \frac{11}{6} \\ = \frac{55}{9} = 6\frac{1}{9}$$

$$2. \frac{1}{6} \div \frac{8}{11} \\ = \frac{11}{48}$$

$$7. \frac{11}{2} \div \frac{1}{2} \\ = 11$$

$$12. \frac{1}{2} \div \frac{1}{2} \\ = 1$$

$$3. \frac{1}{3} \div \frac{13}{9} \\ = \frac{3}{13}$$

$$8. \frac{4}{3} \div \frac{11}{12} \\ = \frac{16}{11} = 1\frac{5}{11}$$

$$13. \frac{14}{9} \times \frac{7}{10} \\ = \frac{49}{45} = 1\frac{4}{45}$$

$$4. \frac{13}{4} \div \frac{1}{2} \\ = \frac{13}{2} = 6\frac{1}{2}$$

$$9. \frac{1}{3} \times \frac{20}{9} \\ = \frac{20}{27}$$

$$14. \frac{15}{8} \times \frac{7}{6} \\ = \frac{35}{16} = 2\frac{3}{16}$$

$$5. \frac{17}{6} \div \frac{3}{5} \\ = \frac{85}{18} = 4\frac{13}{18}$$

$$10. \frac{13}{7} \times \frac{14}{11} \\ = \frac{26}{11} = 2\frac{4}{11}$$

$$15. \frac{3}{2} \div \frac{4}{9} \\ = \frac{27}{8} = 3\frac{3}{8}$$