

Fractions: Skill 5 - 15C

Divide Fractions

Test question 15C.	Divide: $\frac{3}{4} \div \frac{2}{3}$	Answer: $\frac{3}{4} \div \frac{2}{3} = \frac{3}{4} \times \frac{3}{2} = \frac{9}{8} = 1\frac{1}{8}$
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Divide Fractions

Step 1	Step 2
Rewrite as a multiplication problem using the reciprocal of the divisor. $\frac{2}{3} \div \frac{2}{7}$ $\frac{2}{3} \times \frac{7}{2}$	Multiply and simplify. $\frac{2}{3} \times \frac{7}{2} = \frac{14}{6} = 2\frac{2}{6} \text{ or } 2\frac{1}{3}$

Step 1	Step 2	Step 3
Change the mixed number to a fraction. $2\frac{1}{4} \div \frac{9}{10}$ $\frac{9}{4} \div \frac{9}{10}$	Rewrite as a multiplication problem using the reciprocal of the divisor. $\frac{9}{4} \div \frac{9}{10} = \frac{9}{4} \times \frac{10}{9}$	Multiply and simplify. $\frac{9}{4} \times \frac{10}{9} = \frac{90}{36} = 2\frac{18}{36} \text{ or } 2\frac{1}{2}$

Directions: Divide. Write answer in simplest form.

1. $\frac{2}{5} \div \frac{1}{3}$
2. $\frac{3}{8} \div \frac{1}{4}$
3. $\frac{3}{4} \div \frac{1}{3}$
4. $\frac{1}{2} \div \frac{3}{4}$

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Divide Fractions**Directions:** Divide. Write answer in simplest form.

5. $\frac{2}{3} \div \frac{3}{8}$

6. $1\frac{2}{5} \div \frac{2}{3}$

7. $\frac{1}{2} \div \frac{1}{10}$

8. $2\frac{1}{2} \div 1\frac{1}{3}$

9. $1\frac{3}{5} \div \frac{1}{2}$

10. $2\frac{1}{3} \div \frac{3}{4}$

11. $\frac{3}{4} \div \frac{1}{8}$

12. $\frac{5}{6} \div \frac{1}{3}$

13. $\frac{2}{5} \div \frac{1}{10}$

14. $1\frac{1}{3} \div 1\frac{1}{2}$

15. $5 \div \frac{3}{5}$

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Divide Fractions**Directions:** Divide. Write answer in simplest form.

16. $\frac{3}{4} \div \frac{5}{6}$

17. $\frac{3}{7} \div \frac{4}{9}$

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

19. $\frac{3}{4} \div 2\frac{1}{2}$

20. $1\frac{1}{2} \div 2\frac{4}{5}$

21. $\frac{1}{2} \div 1\frac{1}{3}$

22. $3\frac{1}{4} \div 2\frac{1}{4}$

23. $2\frac{1}{5} \div 1\frac{2}{3}$

24. $2\frac{3}{4} \div \frac{1}{8}$

25. $\frac{7}{8} \div 1\frac{2}{4}$

26. $2\frac{4}{7} \div \frac{1}{2}$

Answers: Skill 15C, Grade 5

1. $1\frac{1}{5}$	2. $1\frac{1}{2}$	3. $2\frac{1}{4}$	4. $\frac{2}{3}$	5. $1\frac{7}{9}$	6. $2\frac{1}{10}$	7. 5
8. $1\frac{7}{8}$	9. $3\frac{1}{5}$	10. $3\frac{1}{9}$	11. 6	12. $2\frac{1}{2}$	13. 4	14. $\frac{8}{9}$
15. $8\frac{1}{3}$	16. $\frac{9}{10}$	17. $\frac{27}{28}$	18. $1\frac{1}{2}$	19. $\frac{3}{10}$	20. $\frac{15}{28}$	21. $\frac{3}{8}$
22. $1\frac{4}{9}$	23. $3\frac{3}{10}$	24. 22	25. $\frac{7}{12}$	26. $5\frac{1}{7}$		

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