

Dividing Mixed Numbers

Find each quotient. Simplify if possible.

1. $1\frac{1}{2} \div 2\frac{1}{3} =$ _____

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

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

4. $3\frac{1}{2} \div 2\frac{1}{4} =$ _____

5. $3\frac{3}{4} \div 2 =$ _____

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

7. $8 \div 2\frac{3}{4} =$ _____

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

9. $4\frac{2}{3} \div 1\frac{3}{4} =$ _____

10. **Reasoning** Is it possible to divide 15 by a mixed number and get a quotient that is greater than 15? Explain.

Room	Gallons of Paint
Kitchen	$2\frac{1}{2}$
Bedroom	$3\frac{3}{4}$
Living room	$4\frac{1}{3}$

Max is painting the inside of an apartment complex. The table shows how many gallons of paint are needed to paint each type of room.

11. How many kitchens can Max paint with 20 gal? _____

12. How many living rooms can Max paint with 26 gal? _____

13. How many bedrooms can Max paint with 60 gal? _____

14. Find $4\frac{1}{2} \div 2\frac{1}{4}$.

A 1

B 2

C 3

D 4

15. **Writing to Explain** Explain how you would find $4\frac{1}{5} \div 2\frac{1}{3}$.
