

ADVANCED COURSE 1 CHAPTER 2 PRACTICE TEST ON FRACTIONS

Add or subtract. Write answer in simplest form.

1. $\frac{3}{5} - \frac{1}{4}$	2. $2\frac{2}{3} + 5\frac{3}{10}$
3. $7\frac{2}{3} - 3\frac{3}{8}$	4. $\frac{4}{9} + \frac{5}{6}$

5. It rained $5\frac{1}{2}$ inches in November and $6\frac{3}{7}$ inches in December. What was the total rainfall for the months of November and December?

Find the product. Write answer in simplest form.

6. $\frac{3}{5} \cdot \frac{7}{12}$	7. $3\frac{1}{3} \cdot \frac{9}{11}$
8. $5\frac{4}{5} \cdot 3\frac{2}{5}$	9. $\frac{4}{11} \cdot \frac{3}{8}$

10. The family room in your house is $6\frac{1}{4}$ yards long and $5\frac{3}{5}$ yards wide. How many square feet do you need to carpet the room?

Find the quotient. Write answer in simplest form.

11. $\frac{4}{9} \div \frac{1}{3}$	12. $3\frac{1}{2} \div \frac{3}{4}$
13. $7\frac{1}{5} \div 2\frac{1}{4}$	14. $\frac{7}{9} \div \frac{5}{6}$

15. You have a 75-foot roll of fabric. How many $6\frac{1}{4}$ feet pieces of fabric can you cut from the roll?

Evaluate the expression. Write answer in simplest form.

16. $4\frac{1}{2} \div 7\frac{1}{3} \cdot 1\frac{3}{5}$	17. $5\frac{1}{6} \div (2\frac{2}{3} \times 1\frac{3}{8})$	18. $\frac{1}{2} + \frac{7}{8} \div \frac{11}{24}$
---	--	--