

Show all your work on the following problems.
Do not use a calculator. When you divide,
write your remainders as a fraction.

Find the equivalent fractions.

1. $672 \div 58 =$

2. $309 \div 7 =$

3. $\frac{\square}{30} = \frac{8}{15}$

4. $\frac{5}{\square} = \frac{45}{27}$

5. What is $\frac{3}{4}$ of $\frac{5}{6}$?

6. Estimate the following. Show what you rounded to.

a. $12 - 5\frac{16}{17} =$

b. $9\frac{1}{5} \times 4\frac{13}{14} =$

c. $5\frac{8}{15} + 4\frac{12}{24} =$

d. $15\frac{1}{3} \div 6\frac{3}{40} =$

7. In a. and b. find the **Greatest Common Factor**.

a. 50 and 60

b. 55 and 77

In c. and d. find the **Least Common Multiple**.

c. 9 and 6

d. 4 and 12

Find the **EXACT** answer. Add, subtract, multiply and divide. Show all your work! Simplify your answers! Do not use a calculator.

8. $4\frac{15}{16} + 3\frac{7}{8} =$

9. $7\frac{6}{11} - 4 =$

10. $5\frac{1}{3} - 4\frac{3}{4} =$

11. $9 - 5\frac{13}{17} =$

12. $11\frac{2}{3} \div \frac{35}{36} =$

13. $1\frac{2}{5} \div 1\frac{3}{25} =$

14. $3\frac{7}{8} \times \frac{10}{31} =$

15. $27 \times 3\frac{2}{3} =$