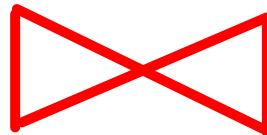


Assignment #15

Homework: Please finish the Multiplication worksheet from class.

On a Separate Sheet of Paper



Multiplying Fractions

Dividing Fractions



0. Convert any Mixed Fractions

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1. "Simplify" on "Bowtie".

1. Apply the reciprocal property.

2. Multiply Across

$$\frac{a}{b} \div \frac{c}{d} = \frac{a}{b} \times \frac{d}{c}$$

3. Simplify?

2. "Simplify" on the "Bowtie"

3. Multiply Across

Ex. Please simplify.

1. $\frac{218}{18} \times \frac{244}{81} = \frac{8}{1} = 8$

2. $2\frac{1}{12} \div \frac{55}{8} = \frac{525}{312} \cdot \frac{82}{5511} = \frac{10}{33}$

Multiply. Use either method 1 or method 2. Make sure the product is in its simplest form.

1. $\frac{2}{3} \times 9$ _____

2. $\frac{4}{7} \times \frac{3}{4}$ _____

3. $\frac{1}{9} \times \frac{3}{11}$ _____

4. $\frac{2}{5} \times \frac{3}{10}$ _____

5. $\frac{4}{25} \times 50$ _____

6. $\frac{1}{15} \times \frac{5}{6}$ _____

7. $2\frac{4}{5} \times \frac{1}{8}$ _____

8. $1\frac{7}{9} \times \frac{2}{3}$ _____

9. $3\frac{1}{2} \times 1\frac{6}{7}$ _____

Divide. Write the solution in its simplest form.

10. $\frac{1}{5} \div 5$ _____

11. $\frac{3}{5} \div \frac{2}{3}$ _____

12. $\frac{7}{8} \div \frac{1}{2}$ _____

13. $\frac{2}{11} \div \frac{1}{22}$ _____

14. $2\frac{4}{9} \div 2$ _____

15. $1\frac{2}{5} \div \frac{1}{6}$ _____

16. $\frac{5}{12} \div 1\frac{3}{7}$ _____

17. $5\frac{3}{5} \div \frac{1}{5}$ _____

18. $7\frac{1}{8} \div 2\frac{5}{7}$ _____

Multiply or divide. Write the solution in its simplest form.

19. $10 \div 3\frac{1}{3}$ _____

20. $\frac{4}{5} \times \frac{10}{11}$ _____

21. $1\frac{1}{5} \times 6\frac{2}{3}$ _____

22. $\frac{4}{5} \div \frac{24}{25}$ _____

23. $2\frac{3}{4} \times 1\frac{1}{4}$ _____

24. $5\frac{1}{3} \times 2\frac{1}{4}$ _____

25. $3\frac{4}{7} \times \frac{2}{5}$ _____

26. $\frac{8}{9} \div \frac{6}{36}$ _____

27. $\frac{11}{13} \div \frac{11}{52}$ _____

