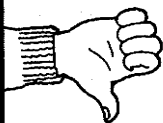


Activity 2: Multiplying Fractions (Fill-in all the blanks!) (Shade-in the appropriate regions!)

$$3 \times \frac{4}{7} = \frac{12}{21}$$

Wrong!



Right!

$$3 \times \frac{4}{7} =$$

$$\frac{3}{1} \times \frac{4}{7} = \frac{12}{7}$$

Remember

1. A whole number has 1 as its denominator.
2. Multiply straight across—numerator times numerator and denominator times denominator.
3. Reduce fractions before multiplying or at the end.

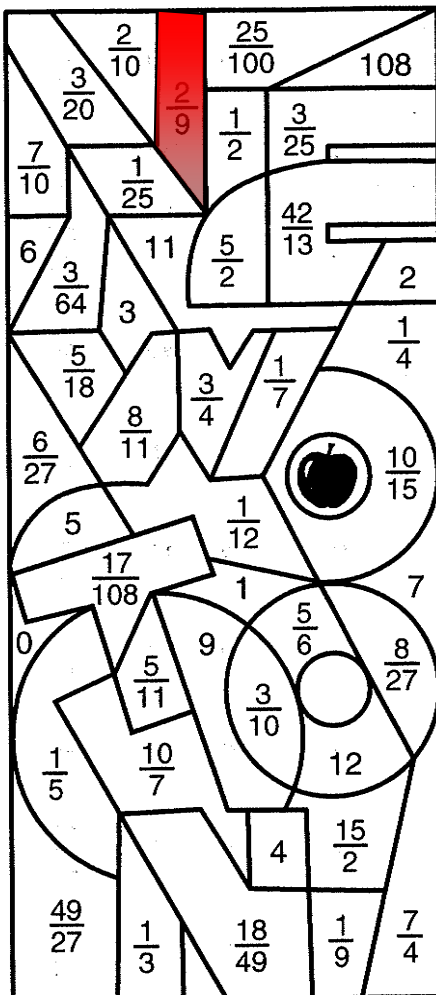
$$3 = \frac{3}{1}$$

$$\frac{6}{5} \times \frac{5}{9} = \frac{30}{45} = \frac{2}{3}$$

$$\frac{2}{1} \times \frac{1}{3} = \frac{2}{3}$$

Multiply the fractions. Write the answers in lowest terms. Shade the answers to find the name of a famous mathematician and scientist.

1. $\frac{3}{5} \times \frac{1}{2} =$ _____
2. $\frac{1}{4} \times \frac{8}{9} =$ $\frac{2}{9}$
3. $5 \times \frac{2}{5} =$ _____
4. $\frac{3}{7} \times \frac{7}{9} =$ _____
5. $\frac{9}{10} \times \frac{2}{15} =$ _____
6. $\frac{9}{14} \times \frac{4}{7} =$ _____
7. $\frac{2}{3} \times \frac{5}{12} =$ _____
8. $\frac{10}{11} \times \frac{4}{5} =$ _____
9. $6 \times \frac{7}{13} =$ _____
10. $\frac{1}{3} \times \frac{5}{2} =$ _____



11. $\frac{9}{10} \times \frac{1}{4} \times \frac{2}{3} =$ _____
12. $\frac{3}{5} \times \frac{8}{3} \times \frac{15}{32} =$ _____
13. $\frac{1}{3} \times \frac{4}{9} \times \frac{27}{28} =$ _____
14. $\frac{2}{6} \times \frac{20}{3} \times \frac{9}{5} =$ _____
15. $\frac{2}{3} \times \frac{2}{3} \times \frac{2}{3} =$ _____
16. $\frac{5}{8} \times 2 \times \frac{4}{11} =$ _____
17. $4 \times \frac{3}{4} \times 4 =$ _____
18. $\frac{7}{8} \times \frac{8}{9} \times \frac{9}{10} =$ _____
19. $\frac{1}{9} \times \frac{17}{18} \times \frac{3}{2} =$ _____
20. $\frac{22}{10} \times \frac{1}{10} \times \frac{2}{11} =$ _____