

ADDING FRACTIONS WITH UNLIKE DENOMINATORS

NAME: _____

$$\frac{1}{2} + \frac{1}{4}$$

FIND THE LEAST COMMON MULTIPLE

$1 \times 2 = 2$

$1 \times 4 = 4$

$2 \times 2 = 4$

$2 \times 4 = 8$

$3 \times 2 = 6$

THEY HAVE 4 IN COMMON

$$\frac{1}{2} \times \frac{2}{2} = \frac{2}{4}$$

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{1}{4} \times \frac{1}{1} = \frac{1}{4}$$

WE NEED TO CHANGE THE DENOMINATORS TO 4, AND ALSO WHAT EVER WE DO TO THE BOTTOM WE NEED TO DO TO THE TOP.

SOLVE:

$$1. \frac{2}{4} + \frac{3}{5} = \frac{22}{20}$$

$$2. \frac{2}{5} + \frac{6}{7} = \frac{44}{35}$$

$$3. \frac{2}{6} + \frac{4}{7} = \frac{38}{42}$$

$$4. \frac{5}{7} + \frac{4}{6} = \frac{58}{42}$$

$$5. \frac{1}{3} + \frac{8}{9} = \frac{11}{9}$$

$$6. \frac{4}{8} + \frac{3}{5} = \frac{44}{40}$$

$$7. \frac{6}{8} + \frac{1}{2} = \frac{10}{8}$$

$$8. \frac{7}{10} + \frac{5}{6} = \frac{46}{30}$$

$$9. \frac{9}{13} + \frac{4}{9} = \frac{133}{117}$$

$$10. \frac{11}{14} + \frac{3}{6} = \frac{54}{42}$$

$$11. \frac{2}{5} + \frac{4}{7} = \frac{34}{35}$$

$$12. \frac{5}{11} + \frac{8}{10} = \frac{138}{110}$$

$$13. \frac{2}{9} + \frac{4}{5} = \frac{46}{45}$$

$$14. \frac{9}{22} + \frac{10}{11} = \frac{29}{22}$$

$$15. \frac{6}{7} + \frac{3}{4} = \frac{45}{28}$$

$$16. \frac{5}{6} + \frac{3}{11} = \frac{73}{66}$$

$$17. \frac{2}{6} + \frac{4}{5} = \frac{34}{30}$$

$$18. \frac{8}{10} + \frac{3}{4} = \frac{31}{20}$$

$$19. \frac{5}{7} + \frac{2}{3} = \frac{29}{21}$$

$$20. \frac{9}{22} + \frac{3}{4} = \frac{102}{88}$$

$$21. \frac{7}{8} + \frac{4}{5} = \frac{67}{40}$$