

 Teacher Answer Key – The Lost City

Problem	Original Problem	Common Denominator	Unsimplified Sum	Simplified Final Answer
#1	$\frac{1}{2} + \frac{1}{3}$	6	$\frac{3}{6} + \frac{2}{6}$	$\frac{5}{6}$
#2	$\frac{1}{4} + \frac{2}{3}$	12	$\frac{3}{12} + \frac{8}{12}$	$\frac{11}{12}$
#3	$\frac{2}{5} + \frac{3}{10}$	10	$\frac{4}{10} + \frac{3}{10}$	$\frac{7}{10}$
#4	$\frac{1}{6} + \frac{3}{4}$	12	$\frac{2}{12} + \frac{9}{12}$	$\frac{11}{12}$
#5	$\frac{3}{8} + \frac{1}{6}$	24	$\frac{9}{24} + \frac{4}{24}$	$\frac{13}{24}$
#6	$\frac{2}{7} + \frac{1}{3}$	21	$\frac{6}{21} + \frac{7}{21}$	$\frac{13}{21}$
#7	$\frac{5}{12} + \frac{1}{4}$	12	$\frac{5}{12} + \frac{3}{12}$	$\frac{8}{12} \rightarrow \frac{2}{3}$
#8	$\frac{1}{3} + \frac{2}{5}$	15	$\frac{5}{15} + \frac{6}{15}$	$\frac{11}{15}$
#9	$\frac{1}{2} + \frac{1}{8}$	8	$\frac{4}{8} + \frac{1}{8}$	$\frac{5}{8}$
BOSS	$\frac{4}{9} + \frac{1}{6}$	18	$\frac{8}{18} + \frac{3}{18}$	$\frac{11}{18}$