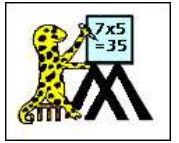Name   Date

ADDING FRACTIONS SHEET 4

1) $\dfrac{1}{3} + \dfrac{2}{5} = \dfrac{1\times5}{3\times5} + \dfrac{2\times3}{5\times3} = \dfrac{}{15}$

2) $\dfrac{1}{2} + \dfrac{1}{3} = \dfrac{1\times3}{2\times3} + \dfrac{1\times2}{3\times2} = \dfrac{}{6}$

3) $\dfrac{1}{4} + \dfrac{1}{3} = \dfrac{}{12} + \dfrac{}{12} = \dfrac{}{12}$

4) $\dfrac{1}{5} + \dfrac{1}{4} = \dfrac{}{20} + \dfrac{}{20} = \dfrac{}{20}$

5) $\dfrac{2}{3} + \dfrac{1}{4} = \dfrac{}{12} + \dfrac{}{12} = \dfrac{}{12}$

6) $\dfrac{2}{3} + \dfrac{2}{9} = \dfrac{}{9} + \dfrac{}{9} = \dfrac{}{9}$

7) $\dfrac{1}{3} + \dfrac{1}{5} = \dfrac{}{15} + \dfrac{}{15} = \dfrac{}{15}$

8) $\dfrac{1}{8} + \dfrac{1}{2} = \dfrac{}{8} + \dfrac{}{8} = \dfrac{}{8}$

9) $\dfrac{1}{5} + \dfrac{1}{2} = \dfrac{}{10} + \dfrac{}{10} = \dfrac{}{10}$

10) $\dfrac{5}{8} + \dfrac{1}{3} = \dfrac{}{24} + \dfrac{}{24} = \dfrac{}{24}$

11) $\dfrac{3}{10} + \dfrac{2}{5} = \dfrac{}{10} + \dfrac{}{10} = \dfrac{}{10}$

12) $\dfrac{1}{7} + \dfrac{3}{4} = \dfrac{}{28} + \dfrac{}{28} = \dfrac{}{28}$

13) $\dfrac{1}{3} + \dfrac{3}{5} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

14) $\dfrac{1}{5} + \dfrac{1}{7} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

15) $\dfrac{1}{6} + \dfrac{2}{3} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

16) $\dfrac{3}{5} + \dfrac{1}{9} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

17) $\dfrac{3}{4} + \dfrac{1}{7} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

18) $\dfrac{1}{8} + \dfrac{2}{5} = \dfrac{}{} + \dfrac{}{} = \dfrac{}{}$

Which do you think is the biggest fraction? Why?

Name Date

ADDING FRACTIONS SHEET 4 ANSWERS

1) $\dfrac{1}{3} + \dfrac{2}{5} = \dfrac{1\times5}{3\times5} + \dfrac{2\times3}{5\times3} = \dfrac{11}{15}$

2) $\dfrac{1}{2} + \dfrac{1}{3} = \dfrac{1\times3}{2\times3} + \dfrac{1\times2}{3\times2} = \dfrac{5}{6}$

3) $\dfrac{1}{4} + \dfrac{1}{3} = \dfrac{3}{12} + \dfrac{4}{12} = \dfrac{7}{12}$

4) $\dfrac{1}{5} + \dfrac{1}{4} = \dfrac{4}{20} + \dfrac{5}{20} = \dfrac{9}{20}$

5) $\dfrac{2}{3} + \dfrac{1}{4} = \dfrac{8}{12} + \dfrac{3}{12} = \dfrac{11}{12}$

6) $\dfrac{2}{3} + \dfrac{2}{9} = \dfrac{6}{9} + \dfrac{2}{9} = \dfrac{8}{9}$

7) $\dfrac{1}{3} + \dfrac{1}{5} = \dfrac{5}{15} + \dfrac{3}{15} = \dfrac{8}{15}$

8) $\dfrac{1}{8} + \dfrac{1}{2} = \dfrac{1}{8} + \dfrac{4}{8} = \dfrac{5}{8}$

9) $\dfrac{1}{5} + \dfrac{1}{2} = \dfrac{2}{10} + \dfrac{5}{10} = \dfrac{7}{10}$

10) $\dfrac{5}{8} + \dfrac{1}{3} = \dfrac{15}{24} + \dfrac{8}{24} = \dfrac{23}{24}$

11) $\dfrac{3}{10} + \dfrac{2}{5} = \dfrac{3}{10} + \dfrac{4}{10} = \dfrac{7}{10}$

12) $\dfrac{1}{7} + \dfrac{3}{4} = \dfrac{4}{28} + \dfrac{21}{28} = \dfrac{25}{28}$

13) $\dfrac{1}{3} + \dfrac{3}{5} = \dfrac{5}{15} + \dfrac{9}{15} = \dfrac{14}{15}$

14) $\dfrac{1}{5} + \dfrac{1}{7} = \dfrac{7}{35} + \dfrac{5}{35} = \dfrac{12}{35}$

15) $\dfrac{1}{6} + \dfrac{2}{3} = \dfrac{1}{6} + \dfrac{4}{6} = \dfrac{5}{6}$

16) $\dfrac{3}{5} + \dfrac{1}{9} = \dfrac{27}{45} + \dfrac{5}{45} = \dfrac{32}{45}$

17) $\dfrac{3}{4} + \dfrac{1}{7} = \dfrac{21}{28} + \dfrac{4}{28} = \dfrac{25}{28}$

18) $\dfrac{1}{8} + \dfrac{2}{5} = \dfrac{5}{40} + \dfrac{16}{40} = \dfrac{21}{40}$

Which do you think is the biggest fraction? The biggest fraction is $^{23}/_{24.}$