

Warm Up Grade 7



1) Add the following

$$\begin{aligned}
 & \text{a) } 5 \frac{6}{7} + 1 \frac{1}{2} \\
 & \quad \quad \quad \hookrightarrow 7 \quad \quad 2 \\
 & 2 \times \frac{41}{2 \times 7} + \frac{3 \times 7}{2 \times 7} \\
 & \quad \frac{82}{14} + \frac{21}{14} \\
 & = \frac{103}{14} \\
 & = 7 \frac{5}{14}
 \end{aligned}$$

$$\begin{aligned}
 & \text{b) } 3 \frac{1}{6} + 1 \frac{3}{4} \\
 & \quad \quad \quad 6 \quad \quad 4 \\
 & 2 \times \frac{19}{2 \times 6} + \frac{7 \times 3}{4 \times 3} \\
 & = \frac{38}{12} + \frac{21}{12} \\
 & = \frac{59}{12} \\
 & = 4 \frac{11}{12}
 \end{aligned}$$

Warm Up Grade 7



1) Add the following

a) $5\frac{6}{7} + 1\frac{1}{2}$

$$\frac{2 \times 41}{2 \times 7} + \frac{3 \times 7}{2 \times 7}$$

$$\frac{82}{14} + \frac{21}{14}$$

$$= \frac{103}{14} = 7\frac{5}{14}$$

$5\frac{6}{7} + 1\frac{1}{2}$

$$\underbrace{5+1} + \frac{6}{7} + \frac{1}{2}$$

$$6 + \frac{12}{14} + \frac{7}{14}$$

$$6 + \frac{19}{14} \leftarrow \text{Improper}$$

$$6 + 1\frac{5}{14}$$

$$7\frac{5}{14}$$

b) $3\frac{1}{6} + 1\frac{3}{4}$

$$\frac{2 \times 19}{2 \times 6} + \frac{7 \times 3}{4 \times 3}$$

$$= \frac{38}{12} + \frac{21}{12}$$

$$= \frac{59}{12}$$

$$= 4\frac{11}{12}$$

$3\frac{1}{6} + 1\frac{3}{4}$

$$3+1 + \frac{1}{6} + \frac{3}{4}$$

$$4 + \frac{2}{12} + \frac{9}{12}$$

$$4 + \frac{11}{12}$$

$$4\frac{11}{12}$$

Class/Homework

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Work period

#3cd, 4cd, 7, 8, #9ab, #10, #11, #12, #13

Test April 5

second half of the class

Adding and subtracting MIXED fractions

- Starting subtraction tomorrow

$$\begin{array}{l} 4a) \ 3\frac{2}{3} + 2\frac{1}{3} \\ \quad 5\frac{3}{3} \\ \quad 6 \end{array}$$

$$\begin{array}{l} b) \ 1\frac{1}{8} + 3\frac{5}{8} \\ \quad 4\frac{6}{8} \\ \quad \text{or } 4\frac{3}{4} \end{array}$$

$$\begin{array}{l} c) \ 4\frac{2}{9} + 3\frac{5}{9} \\ \quad 7\frac{7}{9} \end{array}$$

$$\begin{array}{l} d) \ 2\frac{3}{5} + 5\frac{4}{5} \\ \quad 7\frac{7}{5} \\ \quad 7 + 1\frac{2}{5} \\ \quad 8\frac{2}{5} \end{array}$$

$$\begin{array}{l} \frac{13}{5} + \frac{29}{5} \\ \quad 42 \\ \quad 5 \end{array}$$

$$5 \text{ a) } 2\frac{5}{8} + \frac{3}{4}$$

$$2\frac{5}{8} + \frac{6}{8}$$

$$2\frac{11}{8}$$

$$2 + 1\frac{3}{8}$$

$$3\frac{3}{8}$$

$$b) 2\frac{5}{12} + \frac{2}{3}$$

$$2\frac{5}{12} + \frac{8}{12}$$

$$2\frac{13}{12}$$

$$2 + 1\frac{1}{12}$$

$$3\frac{1}{12}$$

$$c) 1\frac{3}{8} + 3\frac{3}{4}$$

$$1\frac{3}{8} + 3\frac{6}{8}$$

$$4\frac{9}{8}$$

$$4 + 1\frac{1}{8}$$

$$5\frac{1}{8}$$

$$\frac{11}{8} + \frac{15}{4}$$

$$\frac{11}{8} + \frac{30}{8}$$

$$\frac{41}{8}$$

$$d) 2\frac{2}{5} + 1\frac{7}{10}$$

$$\frac{12}{5} + \frac{17}{10}$$

$$\frac{24}{10} + \frac{17}{10}$$

$$\frac{41}{10}$$

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1 a) $1\frac{3}{6} = \frac{9}{6}$ or $\frac{3}{2}$

b) $4\frac{2}{8} = \frac{34}{8}$ or $\frac{17}{4}$

c) $1\frac{3}{4} = \frac{7}{4}$

d) $3\frac{3}{5} = \frac{18}{5}$

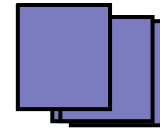
2 a) $\frac{17}{5} = 3\frac{2}{5}$

b) $\frac{9}{4} = 2\frac{1}{4}$

c) $\frac{18}{4} = 4\frac{2}{4}$ or $4\frac{1}{2}$

d) $\frac{28}{6} = 4\frac{4}{6}$ or $4\frac{2}{3}$

3 a) $1\frac{1}{6} + \frac{2}{6} = 1\frac{3}{6}$ or $1\frac{1}{2}$



b) $1\frac{2}{3} + \frac{2}{3}$

$$\frac{3}{3} + \frac{2}{3} + \frac{2}{3} = \frac{7}{3}$$

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

c) $1\frac{4}{6} + 2\frac{1}{2}$

$$\frac{10}{6} + \frac{5}{2}$$

$$\frac{10}{6} + \frac{15}{6}$$

$$\frac{25}{6}$$

$$1\frac{4}{6} + 2\frac{3}{6}$$

$$3\frac{7}{6}$$

$$3 + 1\frac{1}{6}$$

$$4\frac{1}{6}$$

d) $2\frac{1}{3} + 3\frac{5}{6}$

$$\frac{7}{3} + \frac{23}{6}$$

$$\frac{14}{6} + \frac{23}{6}$$

$$\frac{37}{6}$$

$$2\frac{2}{6} + 3\frac{5}{6}$$

$$5\frac{7}{6}$$

$$5 + 1\frac{1}{6}$$

$$6\frac{1}{6}$$

$$6 \text{ a) } \frac{1}{2} + \frac{1}{5} = \frac{7}{10} \text{ (given)}$$

$$3\frac{1}{2} + \frac{1}{5} = 3\frac{7}{10}$$

$$\text{b) } \underline{\underline{\frac{1}{2}}} + \underline{\underline{2\frac{1}{5}}} = 2\frac{7}{10}$$

$$\text{c) } \underline{\underline{3\frac{1}{2}}} + \underline{\underline{2\frac{1}{5}}} = 5\frac{7}{10}$$

$$\text{d) } \underline{\underline{4\frac{1}{2}}} + \underline{\underline{3\frac{1}{5}}} = 7\frac{7}{10}$$

$$\begin{array}{l} \text{a) } 3\frac{1}{2} + \frac{1}{5} \\ 3\frac{6}{10} + \frac{2}{10} \\ 3\frac{7}{10} \end{array}$$

$$\begin{array}{l} \text{b) } \frac{1}{2} + 2\frac{1}{5} \\ \frac{1}{2} + \frac{4}{5} \\ \frac{5}{10} + \frac{22}{10} = 2\frac{7}{10} \end{array}$$

Homework
Pg 20 2# 7-13, Reflect