

Warm-up

Add - Make sure your answer is simplified

$$1) \frac{1}{9} + \frac{4}{27}$$

9: 9, 18, 27
27: 27

$$\frac{1 \times 3}{9 \times 3} + \frac{4}{27}$$

$$\frac{3}{27} + \frac{4}{27}$$

$$\frac{7}{27}$$

$$2) \frac{3}{30} + \frac{14}{6}$$

30: 30, 60, 90
6: 6, 12, 18, 24, 30

$$\frac{3}{30} + \frac{14 \times 5}{6 \times 5}$$

$$\frac{3}{30} + \frac{70}{30}$$

$$\frac{73}{30}$$

Convert & simplify

$$1) \frac{2}{3} = \frac{7}{3}$$

2 → 7
3 → 3

$$2) \frac{12}{7} = 1 \frac{5}{7}$$

1 R 5

$$1 \overline{) 12}$$

$$\underline{- 7}$$

$$5$$



Let's go over the homework

#2 (a, d)

$$(a) \frac{3 \div 3}{12 \div 3} = \frac{1}{4}$$

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

$$d) \frac{6}{8} \div \frac{15}{20}$$

$\times 2.5$

$$\frac{6}{8} = \frac{15}{20}$$

#3

$$\begin{aligned}
 (a) \quad & \frac{4}{9} + \frac{1}{3} \\
 & \frac{4}{9} + \frac{1 \times 3}{3 \times 3} \\
 & \frac{4}{9} + \frac{3}{9} \\
 & \frac{7}{9}
 \end{aligned}$$

$$\begin{aligned}
 9: & \underline{9} \\
 3: & 3, 6, \underline{9}
 \end{aligned}$$

$$\begin{aligned}
 (b) \quad & \frac{1}{2} + \frac{1}{3} \\
 & \frac{1 \times 3}{2 \times 3} + \frac{1 \times 2}{3 \times 2} \\
 & \frac{3}{6} + \frac{2}{6} \\
 & \frac{5}{6}
 \end{aligned}$$

$$\begin{aligned}
 2: & 2, 4, \underline{6}, 8 \\
 3: & 3, \underline{6}, 9
 \end{aligned}$$

#5

$$\frac{1}{8} + \frac{1}{16}$$

$$\frac{1 \times 2}{8 \times 2} + \frac{1}{16}$$

$$\frac{2}{16} + \frac{1}{16}$$

$$\frac{3}{16}$$

$$8: 8, \underline{16}$$
$$16: \underline{16}$$

$\frac{3}{16}$ of the page
was covered!

#6

3:3,6

6:6

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

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

$$\frac{4}{6} + \frac{5}{6}$$

$$\frac{9}{6} =$$

$$\frac{3}{4} + \frac{4}{5}$$

Practice:

1) $\frac{3}{8} + \frac{1}{4} = \frac{5}{8}$

2) $\frac{2}{3} + \frac{8}{9} = \frac{14}{9}$

3) $\frac{5}{6} + \frac{7}{12} = \frac{17}{12}$

4) $\frac{4}{10} + \frac{3}{5} = \frac{10}{10} = 1$

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

$$\begin{array}{r} 1R1 \\ 4 \overline{) 5} \\ \underline{-4} \\ 1 \end{array}$$

6) $\frac{2}{3} + \frac{1}{2} = \frac{7}{6} = 1\frac{1}{6}$

$$\begin{array}{r} 1R1 \\ 6 \overline{) 7} \\ \underline{-6} \\ 1 \end{array}$$

$$7) \quad \frac{7}{11} + \frac{2}{5} = \left(\frac{57}{55} \right) = 1\frac{2}{55}$$
$$\frac{35}{55} + \frac{22}{55}$$

$$8) \quad \frac{1}{4} + \frac{4}{7} = \left(\frac{25}{28} \right)$$
$$\frac{7}{28} + \frac{16}{28}$$

$$9) \quad \frac{2}{3} + \frac{2}{6} = \left(\frac{6}{6} \right) = 1$$
$$\frac{4}{6} + \frac{2}{6}$$

$$10) \quad \frac{3}{5} + \frac{1}{2} = \left(\frac{11}{10} \right) = 1\frac{1}{10}$$
$$\frac{6}{10} + \frac{5}{10}$$

$$11) \quad \frac{1}{4} + \frac{11}{12} = \left(\frac{14}{12} \right) = \frac{7}{6}$$
$$\frac{3}{12} + \frac{11}{12}$$
$$= 1\frac{1}{6}$$

$$12) \quad \frac{3}{4} + \frac{5}{6} = \left(\frac{19}{12} \right) = 1\frac{7}{12}$$
$$\frac{9}{12} + \frac{10}{12}$$

Homework

(print last two sheets)

Attachments



Homework

fractions_addition_unlike-fractions_proper-horizontal-easy-all.pdf