Outcome 1 - Adding & Subtracting Fractions

Bronze examples

Silver examples

Gold example

Examples... **To add/subtract fractions with the same denominator, just add/subtract the numerators!**

$$\frac{5}{7} + \frac{1}{7} = \frac{6}{7} \qquad \frac{2}{9} - \frac{1}{9} = \frac{1}{9}$$

- 3. Add/subtract the numerators!

$$\frac{3}{4}$$
 $+\frac{9}{10}$ $=$ $\frac{30}{40}$ $+$ $\frac{36}{40}$ $=$ $\frac{66}{40}$ $=$ $1\frac{26}{40}$ $=$ $1\frac{13}{20}$

$$\frac{9}{10} \frac{3}{8} = \frac{72}{80} + \frac{30}{80} = \frac{102}{80} = 1\frac{22}{80} = 1\frac{11}{40}$$

$$4\frac{3}{4} + 1\frac{2}{3} = \frac{19}{4} + \frac{5}{3} = \frac{57}{12} + \frac{20}{12}$$
$$= \frac{77}{12} = 6\frac{5}{12}$$

Bronze Questions

Add or subtract the following fractions...



$$\frac{3}{5} - \frac{3}{5}$$

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

$$\frac{4}{9} + \frac{1}{9}$$
 $\frac{4}{11} - \frac{2}{11}$

$$\frac{8}{13} + \frac{3}{13}$$

$$\frac{8}{13} + \frac{3}{13} \qquad \qquad \frac{11}{17} - \frac{9}{17}$$

$$\frac{3}{19} + \frac{7}{19}$$
 $\frac{8}{23} - \frac{5}{23}$

$$\frac{18}{23} - \frac{5}{23}$$

Silver Questions

Add or subtract the following fractions...





$$\frac{3}{8}$$
 $\frac{5}{9} + \frac{1}{3}$

$$\frac{5}{8} + \frac{1}{3}$$
 4 $\frac{7}{12} - \frac{1}{6}$

$$\frac{5}{6} + \frac{7}{9}$$
 $\frac{4}{9} - \frac{2}{5}$

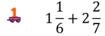
$$\frac{4}{9} - \frac{2}{5}$$

$$\frac{3}{10} + \frac{4}{7}$$

$$\frac{3}{12} - \frac{3}{12}$$

Gold Questions

Add or subtract the following fractions...





$$\frac{3}{8}$$
 $2\frac{3}{8} + 1\frac{1}{9}$ 4 $1\frac{7}{12} - 1\frac{1}{2}$

$$1\frac{7}{12}-1\frac{1}{2}$$

$$\frac{3}{4} + 1\frac{4}{5}$$

$$5\frac{2}{3}-2\frac{1}{4}$$

$$\frac{3}{5} + 5\frac{2}{7}$$

$$3\frac{5}{12}-1\frac{1}{7}$$



Bronze Answers

1.

2.

3. $\frac{8}{15}$

 $\frac{4}{9}$ $\frac{9}{10}$ 4.

5. $\frac{24}{49}$

 $\frac{26}{27}$ 6.

 $\frac{28}{45}$ 7.

8.

Silver Answers

1. $1\frac{1}{3}$ 2. $\frac{23}{35}$

3.

5. $1\frac{11}{18}$ 6.

7.

8.

Gold Answers

 $3\frac{19}{42}$ 2. $1\frac{2}{21}$

3. $3\frac{35}{72}$ 4.

5. $12\frac{11}{20}$ 6. $3\frac{5}{12}$

7. $6\frac{31}{35}$ 8.