

Όνομα: _____



Ms. Maria Lafazanoglou

maria.lafazanoglou@archimedean.org

16th HOMEWORK 12/16-12/20

DUE Day Friday 12/20

Fractions (Addition, Subtraction)

Κλάσματα (Πρόσθεση, Αφαίρεση)

➤ Assessments : **Quiz on Wednesday 12/18** (Fractions-Add,Subtract)

Please feel free to contact me with any questions or concerns.

3

5

Αριθμητής

Παρονομαστής

➤ ΟΜΩΝΥΜΑ (Ίδιος παρονομαστής)

Παραδείγματα

$$\frac{1}{8} + \frac{3}{8} = \frac{4}{8} = \frac{4:4}{8:4} = \frac{1}{2}$$

$$\frac{19}{6} - \frac{5}{6} = \frac{14}{6} = \frac{14:2}{6:2} = \frac{7}{3} = 2\frac{1}{3}$$

1. $\frac{5}{4} + \frac{13}{4} =$

2. $\frac{10}{9} - \frac{4}{9} =$

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

➤ ΕΤΕΡΩΝΥΜΑ (Διαφορετικός παρονομαστής)

Παράδειγμα

$$\frac{1}{\textcolor{red}{4}} + \frac{3}{\textcolor{green}{8}} = \overset{\times \textcolor{red}{2}}{\frac{1}{4}} + \overset{\times \textcolor{green}{1}}{\frac{3}{8}} = \frac{2}{\textcolor{yellow}{8}} + \frac{3}{\textcolor{yellow}{8}} = \frac{5}{8}$$

$$\text{ΕΚΠ}(4,8) = \textcolor{yellow}{8}$$

$$\textcolor{red}{2} \times 4 = \textcolor{yellow}{8}$$

$$\textcolor{green}{1} \times 8 = \textcolor{yellow}{8}$$

$$1. \frac{13}{6} - \frac{5}{4} =$$

$$2. \frac{7}{15} + \frac{7}{12} =$$


$$3. \frac{5}{6} - \frac{2}{3} =$$

$$4. \frac{5}{9} + \frac{8}{3} - \frac{17}{6} =$$

➤ **ΚΛΑΣΜΑΤΑ ΚΑΙ ΜΕΙΚΤΟΙ ΑΡΙΘΜΟΙ**

$$2\frac{3}{5} = \frac{(2 \times 5) + 3}{5} = \frac{13}{5}$$

Παράδειγμα

$$2\frac{3}{5} + 1\frac{2}{10} = 2\frac{6}{10} + 1\frac{2}{10} = 3\frac{8}{10} = 3\frac{4}{5}$$


1. $2\frac{5}{6} + 1\frac{1}{2} =$

2. $2\frac{7}{16} - \frac{5}{12} =$

3. $3\frac{1}{6} - 1\frac{5}{8} =$

4. $\frac{5}{4} + 1\frac{2}{3} - \frac{7}{6} =$

➤ ΚΛΑΣΜΑΤΑ ΚΑΙ ΦΥΣΙΚΟΙ ΑΡΙΘΜΟΙ

Παράδειγμα

$$3 - \frac{1}{5} = \frac{3}{1} - \frac{1}{5} = \frac{15}{5} - \frac{1}{5} = \frac{14}{5} = 2\frac{4}{5}$$

1. $2 + \frac{5}{7} =$

2. $4 - 1\frac{2}{5} =$

$$A = \frac{5}{6} + 3\frac{1}{5} - 2 + \frac{1}{3} - 1\frac{1}{2}$$

