

STUDY LINK
8•4

More Fraction Problems



1. Circle all the fractions below that are greater than $\frac{3}{4}$.

$$\frac{4}{5} \quad \frac{13}{20} \quad \frac{1}{2} \quad \frac{18}{25} \quad \frac{9}{12} \quad \frac{155}{200} \quad \frac{7}{11}$$

Rewrite each expression by renaming the fractions with a common denominator.

Then decide whether the sum or difference is greater than $\frac{1}{2}$, less than $\frac{1}{2}$, or equal to $\frac{1}{2}$.

Circle your answer.

2. $\frac{1}{10} + \frac{2}{7}$ _____ $> \frac{1}{2}$ $< \frac{1}{2}$ $= \frac{1}{2}$

3. $\frac{5}{6} - \frac{1}{4}$ _____ $> \frac{1}{2}$ $< \frac{1}{2}$ $= \frac{1}{2}$

4. $\frac{18}{20} - \frac{2}{5}$ _____ $> \frac{1}{2}$ $< \frac{1}{2}$ $= \frac{1}{2}$

5. $\frac{3}{4} - \frac{1}{3}$ _____ $> \frac{1}{2}$ $< \frac{1}{2}$ $= \frac{1}{2}$

Fraction Puzzle

6. Select and place three different numbers so the sum is as large as possible.

Procedure: Select three different numbers from this list: 1, 2, 3, 4, 5, 6.

◆ Write the same number in each square.

◆ Write a different number in the circle.

◆ Write a third number in the hexagon.

◆ Add the two fractions.

$$\frac{\square}{\bigcirc} + \frac{\hexagon}{\square} = \underline{\hspace{2cm}}$$

Example: $\frac{\boxed{2}}{\bigcirc 4} + \frac{\hexagon 3}{\boxed{2}} = \frac{8}{4} = 2$

Practice

7. $3 - 2.564 =$ _____

8. $3 * 2.564 =$ _____

9. $16 - 5.438 =$ _____

10. $3,049 / 15 =$ _____