

NAME: _____

1. 080207a, P.I. A.A.17

The sum of $\frac{3}{x} + \frac{2}{5}$, $x \neq 0$, is

- [A] $\frac{2x+15}{5x}$ [B] $\frac{1}{x}$
[C] $\frac{5}{x+5}$ [D] $\frac{2x+15}{x+5}$

2. 010423a, P.I. A.A.17

What is the sum of $\frac{2}{x}$ and $\frac{x}{2}$?

- [A] $\frac{4+x^2}{2x}$ [B] $\frac{4+x}{2x}$
[C] $\frac{2+x}{2x}$ [D] 1

3. 089911a, P.I. A.A.17

Which expression is equivalent to $\frac{a}{x} + \frac{b}{2x}$?

- [A] $\frac{a+b}{3x}$ [B] $\frac{2a+b}{2x}$
[C] $\frac{2a+b}{x}$ [D] $\frac{a+b}{2x}$

4. 080917ia, P.I. A.A.17

What is the sum of $\frac{3}{2x}$ and $\frac{4}{3x}$ expressed in simplest form?

- [A] $\frac{12}{6x^2}$ [B] $\frac{17}{12x}$ [C] $\frac{17}{6x}$ [D] $\frac{7}{5x}$

5. 060727a, P.I. A.A.17

What is the sum of $\frac{3}{7n}$ and $\frac{7}{3n}$?

- [A] $\frac{42}{21n}$ [B] $\frac{10}{21n}$ [C] $\frac{1}{n}$ [D] $\frac{58}{21n}$

6. 010921ia, P.I. A.A.17

What is $\frac{6}{5x} - \frac{2}{3x}$ in simplest form?

- [A] $\frac{8}{15x^2}$ [B] $\frac{4}{15x}$ [C] $\frac{4}{2x}$ [D] $\frac{8}{15x}$

7. 060929ia, P.I. A.A.17

What is $\frac{6}{4a} - \frac{2}{3a}$ expressed in simplest form?

- [A] $\frac{5}{6a}$ [B] $\frac{8}{7a}$ [C] $\frac{4}{a}$ [D] $\frac{10}{12a}$

8. 010921a, P.I. A.A.17

Expressed as a single fraction, $\frac{3}{4x} - \frac{2}{5x}$ is equal to

- [A] $\frac{7}{20x}$ [B] $-\frac{1}{x}$ [C] $\frac{1}{20x}$ [D] $\frac{1}{9x}$

9. 010016a, P.I. A.A.17

The expression $\frac{y}{x} - \frac{1}{2}$ is equivalent to

- [A] $\frac{y-1}{x-2}$ [B] $\frac{2y-x}{2x}$
[C] $\frac{x-2y}{2x}$ [D] $\frac{1-y}{2x}$

10. 060412a

What is the least common denominator of $\frac{1}{2}$, $\frac{2}{7x}$, and $\frac{5}{x}$?

- [A] $14x^2$ [B] $2x$ [C] $14x$ [D] $9x$

- [1] A
- [2] A
- [3] B
- [4] C
- [5] D
- [6] D
- [7] A
- [8] A
- [9] B
- [10] C