Nama :

Kelas :

Aljabar

LATIHAN 4

A. Sederhanakan bentuk pecahan di bawah ini

1. $\frac{5}{x}+\frac{3}{x}=$ —

2. $\frac{8}{a}-\frac{2}{b}=$ $\frac{b-a}{\quad}$

3. $\frac{5}{4p}-\frac{2}{3p}=$ ——

4. $\frac{k}{2}+\frac{k-5}{7}=$ ——

5. $\frac{6}{m^2}-\frac{5}{m}=$ $\frac{\quad}{m}$

6. $\frac{7}{5x}+\frac{3}{2y}=$ $\frac{y+x}{xy}$

7. $\frac{b-3}{3}-\frac{4b-6}{5}=$ ——

8. $\frac{n}{2}+\frac{2n+3}{6}-\frac{n-5}{12}=$ ——

9. $\frac{2a+b}{5c}-\frac{a-3b}{10c}=$ ——

10. $x-\frac{x}{y}=$ ——

LIVEWORKSHEETS

B. Sederhanakan bentuk pecahan di bawah ini: (Tuliskan dalam bentuk paling sederhana)

1. $\frac{8}{p} \times \frac{q}{7} = __$
2. $\frac{3m}{4} \times \frac{2m^3}{5} = \frac{m}{__}$
3. $\frac{6p^3}{5q} \times \frac{10q^3}{24p} = \frac{p\ \ q}{__}$
4. $\frac{4q}{3p} \times \frac{10q^3}{24p} = ____$
5. $\frac{6m^3}{5n} \times \frac{9m^2}{8m^6n} = \frac{__}{mn}$
6. $\frac{8abc}{12a^2} : \frac{4ab}{3bc^2} = \frac{bc}{a}$
7. $\frac{pq^2}{20r} : \frac{6p^2q}{10r^2} = __$
8. $\frac{3x^3y^2}{7yz} : \frac{9x^3}{14y^2z^3} = \frac{y\ \ z}{__}$
9. $\frac{36a^5bc}{8ac} : \frac{9a^3b^2c}{24a^4} = \frac{a}{__}$
10. $\frac{5a^2b}{6} : \frac{15ab^2}{4} \times \frac{27ab}{(a^2b)^3} = \frac{__}{a\ \ b}$

LIVEWORKSHEETS