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Exam Questions

Express as a single fraction in its simplest form:

1. $\dfrac{3}{m}+\dfrac{4}{(m+1)}$

2. $\dfrac{1}{p}+\dfrac{2}{(p+5)}$

3. $\dfrac{s^2}{t}\times\dfrac{3t}{2s}$

4. $\dfrac{5p^2}{8}\div\dfrac{p}{2}$

5. $\dfrac{5}{x}-\dfrac{3}{(x-2)}$

6. $\dfrac{2}{a}-\dfrac{3}{(a+4)}$

7. $\dfrac{4}{x}-\dfrac{3}{x-3}$

8. $\dfrac{a}{b}\times\dfrac{3b}{a^2}$

9. $\dfrac{4}{x+3}+\dfrac{3}{x}$

10. $\dfrac{4}{x-1}-\dfrac{3}{x}$

11. $\dfrac{2}{x-1}+\dfrac{4}{x+2}$

12. $\dfrac{3}{(x+1)}-\dfrac{1}{(x-2)}$

Answers to Exam Questions

1. $\dfrac{7m+3}{m(m+1)}$

2. $\dfrac{3p+5}{p(p+5)}$

3. $\dfrac{3s}{2}$

4. $\dfrac{5p}{4}$

5. $\dfrac{2x-10}{x(x-2)}$

6. $\dfrac{-a+8}{a(a+4)}$

7. $\dfrac{x-12}{x(x-3)}$

8. $\dfrac{3}{a}$

9. $\dfrac{7x+9}{x(x+3)}$

10. $\dfrac{x+3}{x(x-1)}$

11. $\dfrac{6x}{(x-1)(x+2)}$

12. $\dfrac{2x-7}{(x+1)(x-2)}$