



Puzzle Time

What Is Green And Sings?

Write the letter of each answer in the box containing the exercise number.

Solve the equation by cross multiplying.

1. $\frac{x-5}{15} = \frac{4}{5}$

2. $\frac{x-6}{3} = \frac{-2x-2}{15}$

3. $\frac{x+3}{x+1} = \frac{15}{x+7}$

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

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

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

Solve the equation by using the LCD.

7. $\frac{5}{x} + \frac{1}{3} = 1$

8. $\frac{2}{5x} + \frac{1}{3} = \frac{4}{15x}$

9. $\frac{1}{x} - 3 = \frac{4x}{x+2}$

10. $\frac{3}{x-1} + \frac{1}{x+1} = \frac{10}{x^2-1}$

11. $\frac{12}{x^2+4x} + \frac{3}{x} = \frac{1}{x+4}$

12. $\frac{8}{x+2} - \frac{2}{x} = \frac{x-2}{x^2+2x}$

Answers

L. $x = 2$

S. $x = -2, x = 5$

A. $x = \frac{15}{2}$

E. $x = 17$

P. $x = 3$

S. $x = \frac{2}{7}, x = -1$

E. $x = -12$

I. $x = -4$

R. $x = -\frac{2}{5}$

Y. $x = \frac{2}{5}$

L. $x = 4$

V. $x = 3, x = 2$

1	2	3	4	5		6	7	8	9	10	11	12
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