

NAME: _____

A2.A.7: Factor polynomial expressions completely, using any combination of the following techniques: common factor extraction, difference of two perfect squares, quadratic trinomials

1. 060104a, P.I. A2.A.7

One root of the equation $2x^2 - x - 15 = 0$ is

- [A] $\frac{3}{2}$ [B] -3 [C] $\frac{5}{2}$ [D] 3

2. 010419a, P.I. A2.A.7

What is the solution set of the equation

$$3x^2 - 34x - 24 = 0?$$

- [A] $\{-12, \frac{2}{3}\}$ [B] $\{-2, 6\}$
[C] $\{-6, 2\}$ [D] $\{-\frac{2}{3}, 12\}$

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[1] D _____

[2] D _____