

Name: _____

MATH 100

Fall 2021

HW 10: Due 11/08

*“Thankfully, perseverance is a great
substitute for talent.”*

– Steve Martin

Problem 1. (10pt) Factor $x^2 + 2x - 24$. Show all your work.

Problem 2. (10pt) Factor $x^2 + 4x - 32$. Show all your work.

Problem 3. (10pt) Factor $x^2 + 4x$. Show all your work.

Problem 4. (10pt) Factor $x^2 + 17x - 18$. Show all your work.

Problem 5. (10pt) Factor $2x^2 - 11x + 15$. Show all your work.

Problem 6. (10pt) Factor $3x^2 + 5x - 2$. Show all your work.

Problem 7. (10pt) Factor $x^2 - 6x + 9$. Show all your work.

Problem 8. (10pt) Factor $x^2 + 10x + 16$. Show all your work.

Problem 9. (10pt) Factor $4x^2 - 4x - 3$. Show all your work.

Problem 10. (10pt) Factor $12x^2 + 13x - 4$. Show all your work.