Rationals 4-Way   Form A   Names:

_____

_____

_____

_____

GIVEN:

$$f(x) = \frac{x^2 + 2x - 8}{x^2 - x - 2}$$

PERSON #1: Factor the function

PERSON #2: Check and initial: _____

PERSON #2: Find the x-intercept

PERSON #3: Check and initial: _____

PERSON #3: Find the y-intercept

PERSON #4: Check and initial: _____

PERSON #4: Find the horizontal asymptote

PERSON #1: Check and initial: _____

PERSON #1: Find the vertical asymptote

PERSON #3: Check and initial: _____

Person #2: Find the coordinates of the hole.

PERSON #4: Check and initial: _____

PERSON #3: Graph the asymptotes.

PERSON #4: Graph the function.

PERSON #1: Label the x-intercept.

PERSON #2: Label the y-intercept.

Jean Adams