## Brief solutions to selected problems in homework 09

1. Section 4.4: Solutions, common mistakes and corrections:

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Figure 1: Solution to Section 4.4, problem 77

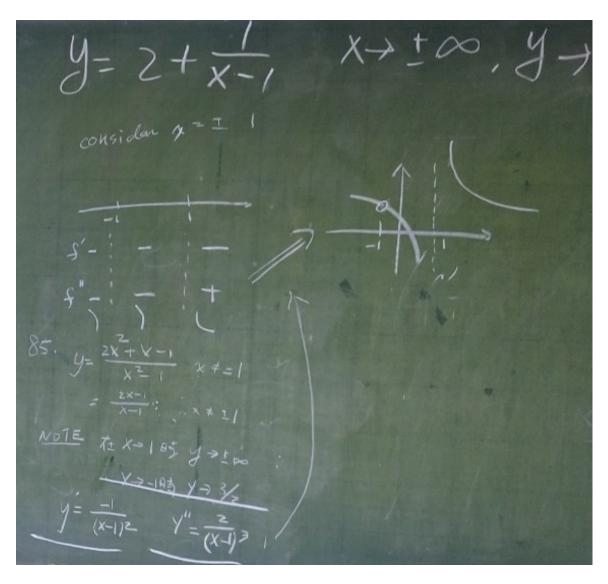


Figure 2: Solution to Section 4.4, problem 85

2. Section 4.5: Solutions, common mistakes and corrections:

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Figure 3: Solution to Section 4.5, problem 39

ts be a = -2

Figure 4: Solution to Section 4.5, problem 80

alit to

Figure 5: Solution to Section 4.5, problem 84(c)

l'Hopital's rule 

Figure 6: Solution to Section 4.5, problem 88