

Name: \_\_\_\_\_

Date: \_\_\_\_\_

#### Activity 4: Group Solutions

##### Industry: Power Washing

- A:  $FC = \$100 + \$300 + \$100 + \$200 / (\$60 - \$25) = 20$  Jobs
  - B:  $FC = \$100 + \$300 + \$100 + \$500 / (\$60 - \$5) = 18.18$  or 19 jobs (You cannot do 0.18 of a job)
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##### Industry: Car Wash

- A:  $\$100 + \$150 / (\$30 - \$5) = 10$  jobs
  - B:  $\$100 + \$50 / (\$30 - \$8) = 6.8181$  jobs (rounds up to 7 jobs)
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##### Industry: Computer Repair

- A:  $(\$200 + \$15 + \$200) / (\$120 - \$5) = 3.6$  or 4 jobs
  - B:  $(\$200 + \$15 + \$400) / (\$120 - \$5) = 5.3$  s or 6 jobs
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##### Industry: Lawn Mowing

- A:  $(\$300 + \$100 + \$400) / (\$40 - \$15) = 32$  jobs
  - B:  $(300 + 100 + \$2,000) / \$40 - \$6 = 70.588$  or 71 jobs
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##### Industry: Smoothie Shop

- A:  $(\$400 + \$500 + \$700) / (\$6 - \$2) = 400$  Smoothies
  - B:  $(\$400 + \$500 + \$500) / (\$6 - 4) = 700$  Smoothies
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##### Industry: House Cleaning

- A:  $(\$375 + \$50 + \$200) / (\$120 - \$4) = 5.39$  or 6 jobs
  - B:  $(\$375 + \$50 + \$1200) / (\$120 - \$2.50) = 13.83$  or 14 jobs
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##### Industry: Automotive Brake Changes

- A:  $(\$800 + \$300 + \$300 + \$3,200) / (\$150 - \$100) = 92$  jobs
  - B:  $(\$800 + \$300 + \$1300 + \$5000) / (\$140 - \$40) = 64$  jobs
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##### Industry: Hair Styling

- A:  $(\$200 + \$50 + \$50) / (\$35 - \$2) = 9.09$  or 10 jobs
- B:  $(\$200 + \$50 + \$200) / \$35 - \$50 = 13.04$  or 14 jobs