Name : _____

Sheet 2

Set Notations

A) If D = {–1, –7, 45, 33, 17}, E = {–11, 7, 29, 27, 64,19}, and F = {12, 18, 22, 44, 31, 23}, fill in each blank with the correct set notation symbol (∈ , ∉ , ⊆ , or ⊄).

1) {18 _____ E

2) 45 _____ D

3) 31 _____ F

4) {– _____ E

5) {17, _____ D

6) 27 _____ F

B) If J = { h}, n, b}, state

1) {w, _____

3) {g _____

5) t _____

C) If S = { {21} }}, 24, { }, 61, {40}, { }}, ar

1) Which of the following is false?

a) 25 T

2) Which

a) {{40}} ⊄ S

b) {{5}, 4} ⊆ S

c) 24 ∉ T

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