

# Problem Set 2 Answer Sheet

Name:

1	2	3	4	5	6
6	$1 - N$	$N$	$N^{\frac{1}{2}}$	$N^{\frac{1}{2}}$	$\frac{1}{2}N^{-\frac{1}{2}}$
7	8	9	10	11	12
$\frac{1}{3}$	$\sqrt{\frac{1}{3}} \approx 0.577$	$\frac{2}{3} \approx 0.666$	$\sqrt{\frac{1}{3}} \approx 0.577$	$\sqrt{\frac{1}{3}} - \frac{1}{6}\sqrt{3} \approx 0.288$	$\frac{\sqrt{3}}{2} \approx 0.866$
13	14	15	16	17	18
$\frac{4}{3} \approx 1.333$	$\frac{1}{3} \approx 0.333$	$\frac{4}{3} \approx 1.333$	$\frac{1}{3} \approx 0.333$	$\frac{4000}{3}$	$\frac{8000}{3}$
19	20	21	22	23	24
4000	2	1300	2300	-200	3
25	26	27	28	29	30
1200	2400	-200	2.667	1233	2367