

MAD HATTER A
Answer Sheet

Simplify all answers

Name Key School _____ Number Correct _____

WARM-UP QUESTIONS

(i) _____ (ii) _____ (iii) _____ (iv) _____

1 5

11 15

21 ~~4~~3

31 $2\sqrt{2}$ (or $\sqrt{8}$)

2 3

12 4

22 1

32 3

3 2

13 $\frac{1}{2}$

23 3

33 $\cos(402^\circ)$

4 1

14 2

24 2002

34 121

5 8

15 10

25 6

35 5

 \uparrow \uparrow \uparrow \uparrow

$\frac{3\pi}{4}$

16 10

26 16

36 π

7 2

17 $\frac{-1}{x-1}$ (or $\frac{1}{1-x}$)

27 8

37 286

8 15

18 2

28 1

38 1

9 11

19 -3

29 5

39 -1

10 4

20 $\frac{5}{32}$

30 51

40 4

Name Key School _____ Number Correct _____

WARM-UP QUESTIONS

(i) _____ (ii) _____ (iii) _____ (iv) _____

1 2

11 16

21 2002

31 10

2 π

12 5

22 32 (or 2^5)

32 2

3 $\frac{3}{5}$

13 -1

23 70°

33 $i-1$

4 land-2 (or 1, -2, -2)

14 $2\sqrt{2}$ (or $\sqrt{8}$)

24 6

34 8

5 1

15 -1

25 300

35 15

 \uparrow \uparrow \uparrow \uparrow

6 1

16 36

26 121

36 286

7 4

17 1

27 15

37 -3

8 4

18 2002

28 3

38 -6

9 11

19 5

29 60

39 2003

10 1

20 $\frac{5}{32}$

30 2

40 4