

conversion table

Converting UAI to ATARs

On the following pages is a UAI to ATAR conversion table, which shows the comparable ATAR for every UAI between 100 and 30.00.

This table is based on the 2008 UAI data. Note that each ATAR does not necessarily correspond to a single UAI.

Below is a summary of the conversion table, which gives a broad overview of how UAIs translate to ATARs.

UAI	ATAR
100.00	99.95
99.00	99.05
98.00	98.10
97.00	97.20
96.00	96.30
95.00	95.40
94.00	94.45
93.00	93.55
92.00	92.65
91.00	91.75
90.00	90.80
85.00	86.25
80.00	81.65
75.00	77.10
70.00	72.55
65.00	67.95
60.00	63.40

UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR
100.00	99.95	96.45	96.70	92.90	93.45	89.35	90.25	85.80	87.00
99.95	99.90	96.40	96.65	92.85	93.40	89.30	90.15	85.75	86.95
99.90	99.85	96.35	96.60	92.80	93.40	89.25	90.15	85.70	86.90
99.85	99.80	96.30	96.60	92.75	93.35	89.20	90.10	85.65	86.85
99.80	99.75	96.25	96.55	92.70	93.30	89.15	90.05	85.60	86.80
99.75	99.70	96.20	96.50	92.65	93.25	89.10	90.00	85.55	86.75
99.70	99.70	96.15	96.45	92.60	93.20	89.05	89.95	85.50	86.70
99.65	99.65	96.10	96.40	92.55	93.15	89.00	89.90	85.45	86.65
99.60	99.60	96.05	96.35	92.50	93.10	88.95	89.85	85.40	86.60
99.55	99.55	96.00	96.30	92.45	93.05	88.90	89.80	85.35	86.55
99.50	99.50	95.95	96.25	92.40	93.00	88.85	89.75	85.30	86.50
99.45	99.45	95.90	96.20	92.35	92.95	88.80	89.75	85.25	86.45
99.40	99.40	95.85	96.15	92.30	92.90	88.75	89.65	85.20	86.45
99.35	99.35	95.80	96.10	92.25	92.90	88.70	89.65	85.15	86.40
99.30	99.30	95.75	96.05	92.20	92.85	88.65	89.60	85.10	86.35
99.25	99.25	95.70	96.05	92.15	92.80	88.60	89.55	85.05	86.30
99.20	99.20	95.65	96.00	92.10	92.75	88.55	89.50	85.00	86.25
99.15	99.20	95.60	95.95	92.05	92.70	88.50	89.45	84.95	86.20
99.10	99.15	95.55	95.90	92.00	92.65	88.45	89.40	84.90	86.15
99.05	99.10	95.50	95.85	91.95	92.60	88.40	89.35	84.85	86.10
99.00	99.05	95.45	95.80	91.90	92.55	88.35	89.30	84.80	86.05
98.95	99.00	95.40	95.75	91.85	92.50	88.30	89.25	84.75	86.00
98.90	98.95	95.35	95.70	91.80	92.45	88.25	89.25	84.70	86.00
98.85	98.90	95.30	95.65	91.75	92.40	88.20	89.15	84.65	85.90
98.80	98.85	95.25	95.60	91.70	92.35	88.15	89.15	84.60	85.90
98.75	98.80	95.20	95.55	91.65	92.35	88.10	89.10	84.55	85.85
98.70	98.75	95.15	95.55	91.60	92.25	88.05	89.05	84.50	85.80
98.65	98.70	95.10	95.50	91.55	92.25	88.00	89.00	84.45	85.75
98.60	98.70	95.05	95.45	91.50	92.20	87.95	88.95	84.40	85.70
98.55	98.65	95.00	95.40	91.45	92.15	87.90	88.90	84.35	85.65
98.50	98.60	94.95	95.35	91.40	92.10	87.85	88.85	84.30	85.60
98.45	98.55	94.90	95.30	91.35	92.05	87.80	88.80	84.25	85.55
98.40	98.50	94.85	95.25	91.30	92.00	87.75	88.75	84.20	85.50
98.35	98.45	94.80	95.20	91.25	91.95	87.70	88.70	84.15	85.45
98.30	98.40	94.75	95.15	91.20	91.90	87.65	88.65	84.10	85.45
98.25	98.35	94.70	95.10	91.15	91.85	87.60	88.60	84.05	85.40
98.20	98.30	94.65	95.05	91.10	91.80	87.55	88.60	84.00	85.35
98.15	98.25	94.60	95.05	91.05	91.75	87.50	88.55	83.95	85.30
98.10	98.20	94.55	95.00	91.00	91.75	87.45	88.50	83.90	85.25
98.05	98.20	94.50	94.95	90.95	91.70	87.40	88.45	83.85	85.20
98.00	98.10	94.45	94.90	90.90	91.65	87.35	88.40	83.80	85.15
97.95	98.10	94.40	94.85	90.85	91.60	87.30	88.35	83.75	85.10
97.90	98.05	94.35	94.80	90.80	91.55	87.25	88.30	83.70	85.05
97.85	98.00	94.30	94.75	90.75	91.50	87.20	88.25	83.65	85.00
97.80	97.95	94.25	94.70	90.70	91.45	87.15	88.20	83.60	84.95
97.75	97.90	94.20	94.65	90.65	91.40	87.10	88.15	83.55	84.95
97.70	97.85	94.15	94.60	90.60	91.40	87.05	88.10	83.50	84.90
97.65	97.80	94.10	94.55	90.55	91.30	87.00	88.10	83.45	84.85
97.60	97.75	94.05	94.50	90.50	91.30	86.95	88.05	83.40	84.80
97.55	97.70	94.00	94.45	90.45	91.20	86.90	88.00	83.35	84.75
97.50	97.65	93.95	94.40	90.40	91.20	86.85	87.95	83.30	84.70
97.45	97.60	93.90	94.40	90.35	91.15	86.80	87.90	83.25	84.65
97.40	97.60	93.85	94.35	90.30	91.10	86.75	87.85	83.20	84.60
97.35	97.55	93.80	94.30	90.25	91.05	86.70	87.80	83.15	84.55
97.30	97.50	93.75	94.25	90.20	91.00	86.65	87.75	83.10	84.50
97.25	97.45	93.70	94.20	90.15	90.95	86.60	87.70	83.05	84.45
97.20	97.40	93.65	94.15	90.10	90.90	86.55	87.65	83.00	84.40
97.15	97.35	93.60	94.10	90.05	90.85	86.50	87.60	82.95	84.35
97.10	97.30	93.55	94.05	90.00	90.80	86.45	87.55	82.90	84.35
97.05	97.25	93.50	94.00	89.95	90.75	86.40	87.55	82.85	84.30
97.00	97.20	93.45	94.00	89.90	90.75	86.35	87.50	82.80	84.25
96.95	97.15	93.40	93.95	89.85	90.70	86.30	87.45	82.75	84.20
96.90	97.15	93.35	93.90	89.80	90.65	86.25	87.40	82.70	84.15
96.85	97.05	93.30	93.85	89.75	90.60	86.20	87.35	82.65	84.10
96.80	97.05	93.25	93.80	89.70	90.55	86.15	87.30	82.60	84.05
96.75	97.00	93.20	93.75	89.65	90.50	86.10	87.25	82.55	84.00
96.70	96.95	93.15	93.70	89.60	90.45	86.05	87.20	82.50	83.95
96.65	96.90	93.10	93.65	89.55	90.40	86.00	87.15	82.45	83.90
96.60	96.85	93.05	93.60	89.50	90.35	85.95	87.10	82.40	83.85
96.55	96.80	93.00	93.55	89.45	90.30	85.90	87.05	82.35	83.85
96.50	96.75	92.95	93.50	89.40	90.30	85.85	87.00	82.30	83.75

UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR
82.25	83.70	78.70	80.50	75.15	77.25	71.60	74.00	68.05	70.75
82.20	83.70	78.65	80.45	75.10	77.20	71.55	73.95	68.00	70.70
82.15	83.65	78.60	80.40	75.05	77.15	71.50	73.90	67.95	70.70
82.10	83.60	78.55	80.35	75.00	77.10	71.45	73.85	67.90	70.60
82.05	83.55	78.50	80.30	74.95	77.05	71.40	73.80	67.85	70.60
82.00	83.50	78.45	80.25	74.90	77.00	71.35	73.75	67.80	70.55
81.95	83.45	78.40	80.20	74.85	76.95	71.30	73.75	67.75	70.50
81.90	83.40	78.35	80.15	74.80	76.95	71.25	73.65	67.70	70.45
81.85	83.35	78.30	80.10	74.75	76.90	71.20	73.60	67.65	70.40
81.80	83.35	78.25	80.10	74.70	76.85	71.15	73.60	67.60	70.35
81.75	83.30	78.20	80.05	74.65	76.80	71.10	73.55	67.55	70.30
81.70	83.25	78.15	80.00	74.60	76.75	71.05	73.50	67.50	70.25
81.65	83.20	78.10	79.95	74.55	76.70	71.00	73.45	67.45	70.20
81.60	83.15	78.05	79.90	74.50	76.65	70.95	73.40	67.40	70.15
81.55	83.10	78.00	79.85	74.45	76.60	70.90	73.35	67.35	70.10
81.50	83.05	77.95	79.80	74.40	76.55	70.85	73.30	67.30	70.05
81.45	83.00	77.90	79.75	74.35	76.50	70.80	73.25	67.25	70.00
81.40	82.95	77.85	79.70	74.30	76.45	70.75	73.20	67.20	70.00
81.35	82.90	77.80	79.65	74.25	76.45	70.70	73.20	67.15	69.95
81.30	82.90	77.75	79.60	74.20	76.40	70.65	73.10	67.10	69.90
81.25	82.80	77.70	79.60	74.15	76.35	70.60	73.10	67.05	69.85
81.20	82.75	77.65	79.55	74.10	76.30	70.55	73.05	67.00	69.80
81.15	82.75	77.60	79.50	74.05	76.25	70.50	73.00	66.95	69.75
81.10	82.70	77.55	79.45	74.00	76.20	70.45	72.95	66.90	69.70
81.05	82.65	77.50	79.40	73.95	76.15	70.40	72.90	66.85	69.65
81.00	82.60	77.45	79.35	73.90	76.10	70.35	72.85	66.80	69.60
80.95	82.55	77.40	79.30	73.85	76.05	70.30	72.80	66.75	69.55
80.90	82.50	77.35	79.25	73.80	76.00	70.25	72.75	66.70	69.55
80.85	82.45	77.30	79.20	73.75	75.95	70.20	72.70	66.65	69.45
80.80	82.40	77.25	79.15	73.70	75.90	70.15	72.70	66.60	69.40
80.75	82.35	77.20	79.10	73.65	75.90	70.10	72.60	66.55	69.35
80.70	82.35	77.15	79.05	73.60	75.85	70.05	72.60	66.50	69.35
80.65	82.25	77.10	79.00	73.55	75.80	70.00	72.55	66.45	69.30
80.60	82.25	77.05	79.00	73.50	75.75	69.95	72.50	66.40	69.25
80.55	82.20	77.00	78.95	73.45	75.70	69.90	72.45	66.35	69.20
80.50	82.15	76.95	78.90	73.40	75.65	69.85	72.40	66.30	69.15
80.45	82.10	76.90	78.85	73.35	75.60	69.80	72.35	66.25	69.10
80.40	82.05	76.85	78.80	73.30	75.55	69.75	72.30	66.20	69.10
80.35	82.00	76.80	78.75	73.25	75.50	69.70	72.25	66.15	69.00
80.30	81.95	76.75	78.70	73.20	75.45	69.65	72.20	66.10	69.00
80.25	81.90	76.70	78.65	73.15	75.40	69.60	72.15	66.05	68.90
80.20	81.85	76.65	78.60	73.10	75.35	69.55	72.10	66.00	68.90
80.15	81.80	76.60	78.60	73.05	75.30	69.50	72.10	65.95	68.85
80.10	81.75	76.55	78.55	73.00	75.30	69.45	72.05	65.90	68.80
80.05	81.70	76.50	78.50	72.95	75.25	69.40	72.00	65.85	68.75
80.00	81.65	76.45	78.45	72.90	75.20	69.35	71.95	65.80	68.70
79.95	81.65	76.40	78.40	72.85	75.15	69.30	71.90	65.75	68.65
79.90	81.60	76.35	78.35	72.80	75.10	69.25	71.85	65.70	68.60
79.85	81.55	76.30	78.30	72.75	75.05	69.20	71.80	65.65	68.55
79.80	81.50	76.25	78.25	72.70	75.00	69.15	71.75	65.60	68.50
79.75	81.45	76.20	78.20	72.65	74.95	69.10	71.75	65.55	68.45
79.70	81.40	76.15	78.15	72.60	74.90	69.05	71.65	65.50	68.40
79.65	81.35	76.10	78.10	72.55	74.85	69.00	71.60	65.45	68.40
79.60	81.30	76.05	78.05	72.50	74.85	68.95	71.60	65.40	68.35
79.55	81.25	76.00	78.00	72.45	74.80	68.90	71.50	65.35	68.30
79.50	81.20	75.95	78.00	72.40	74.75	68.85	71.50	65.30	68.25
79.45	81.15	75.90	77.95	72.35	74.70	68.80	71.45	65.25	68.20
79.40	81.15	75.85	77.90	72.30	74.65	68.75	71.40	65.20	68.15
79.35	81.10	75.80	77.85	72.25	74.60	68.70	71.35	65.15	68.10
79.30	81.05	75.75	77.80	72.20	74.55	68.65	71.30	65.10	68.05
79.25	81.00	75.70	77.75	72.15	74.50	68.60	71.25	65.05	68.00
79.20	80.95	75.65	77.70	72.10	74.45	68.55	71.20	65.00	67.95
79.15	80.90	75.60	77.65	72.05	74.40	68.50	71.15	64.95	67.95
79.10	80.85	75.55	77.60	72.00	74.35	68.45	71.10	64.90	67.85
79.05	80.80	75.50	77.55	71.95	74.30	68.40	71.05	64.85	67.80
79.00	80.80	75.45	77.50	71.90	74.25	68.35	71.05	64.80	67.80
78.95	80.70	75.40	77.50	71.85	74.25	68.30	71.00	64.75	67.75
78.90	80.65	75.35	77.45	71.80	74.20	68.25	70.95	64.70	67.70
78.85	80.65	75.30	77.40	71.75	74.15	68.20	70.90	64.65	67.65
78.80	80.60	75.25	77.35	71.70	74.10	68.15	70.85	64.60	67.60
78.75	80.55	75.20	77.30	71.65	74.05	68.10	70.80	64.55	67.55

UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR
64.50	67.50	60.95	64.25	57.40	61.00	53.85	57.80	50.30	54.55
64.45	67.45	60.90	64.20	57.35	60.95	53.80	57.75	50.25	54.50
64.40	67.40	60.85	64.15	57.30	60.95	53.75	57.70	50.20	54.45
64.35	67.35	60.80	64.15	57.25	60.90	53.70	57.65	50.15	54.40
64.30	67.35	60.75	64.05	57.20	60.80	53.65	57.60	50.10	54.35
64.25	67.30	60.70	64.05	57.15	60.80	53.60	57.55	50.05	54.30
64.20	67.25	60.65	64.00	57.10	60.75	53.55	57.50	50.00	54.25
64.15	67.20	60.60	63.95	57.05	60.70	53.50	57.45	49.95	54.20
64.10	67.15	60.55	63.90	57.00	60.65	53.45	57.40	49.90	54.20
64.05	67.10	60.50	63.85	56.95	60.60	53.40	57.40	49.85	54.10
64.00	67.05	60.45	63.80	56.90	60.55	53.35	57.30	49.80	54.10
63.95	67.00	60.40	63.80	56.85	60.50	53.30	57.25	49.75	54.05
63.90	67.00	60.35	63.70	56.80	60.50	53.25	57.25	49.70	54.00
63.85	66.90	60.30	63.65	56.75	60.45	53.20	57.20	49.65	53.95
63.80	66.85	60.25	63.65	56.70	60.35	53.15	57.15	49.60	53.90
63.75	66.80	60.20	63.55	56.65	60.35	53.10	57.10	49.55	53.85
63.70	66.75	60.15	63.55	56.60	60.30	53.05	57.05	49.50	53.80
63.65	66.75	60.10	63.50	56.55	60.25	53.00	57.00	49.45	53.75
63.60	66.70	60.05	63.45	56.50	60.20	52.95	56.95	49.40	53.70
63.55	66.65	60.00	63.40	56.45	60.15	52.90	56.90	49.35	53.65
63.50	66.60	59.95	63.35	56.40	60.10	52.85	56.85	49.30	53.60
63.45	66.55	59.90	63.30	56.35	60.05	52.80	56.80	49.25	53.60
63.40	66.50	59.85	63.25	56.30	60.00	52.75	56.75	49.20	53.50
63.35	66.45	59.80	63.20	56.25	60.00	52.70	56.70	49.15	53.50
63.30	66.40	59.75	63.15	56.20	59.90	52.65	56.70	49.10	53.45
63.25	66.35	59.70	63.10	56.15	59.85	52.60	56.65	49.05	53.40
63.20	66.30	59.65	63.10	56.10	59.85	52.55	56.60	49.00	53.35
63.15	66.30	59.60	63.05	56.05	59.75	52.50	56.55	48.95	53.30
63.10	66.20	59.55	63.00	56.00	59.75	52.45	56.50	48.90	53.25
63.05	66.20	59.50	62.95	55.95	59.70	52.40	56.45	48.85	53.20
63.00	66.15	59.45	62.90	55.90	59.65	52.35	56.40	48.80	53.15
62.95	66.10	59.40	62.85	55.85	59.60	52.30	56.35	48.75	53.15
62.90	66.05	59.35	62.80	55.80	59.55	52.25	56.30	48.70	53.05
62.85	66.00	59.30	62.75	55.75	59.55	52.20	56.25	48.65	53.00
62.80	65.95	59.25	62.70	55.70	59.45	52.15	56.20	48.60	52.95
62.75	65.90	59.20	62.65	55.65	59.40	52.10	56.15	48.55	52.95
62.70	65.85	59.15	62.65	55.60	59.35	52.05	56.10	48.50	52.90
62.65	65.80	59.10	62.60	55.55	59.30	52.00	56.10	48.45	52.85
62.60	65.75	59.05	62.55	55.50	59.30	51.95	56.05	48.40	52.80
62.55	65.75	59.00	62.50	55.45	59.25	51.90	56.00	48.35	52.75
62.50	65.70	58.95	62.45	55.40	59.20	51.85	55.95	48.30	52.70
62.45	65.60	58.90	62.40	55.35	59.15	51.80	55.90	48.25	52.65
62.40	65.60	58.85	62.35	55.30	59.10	51.75	55.85	48.20	52.60
62.35	65.55	58.80	62.30	55.25	59.05	51.70	55.80	48.15	52.55
62.30	65.50	58.75	62.25	55.20	59.00	51.65	55.75	48.10	52.55
62.25	65.45	58.70	62.20	55.15	59.00	51.60	55.75	48.05	52.45
62.20	65.40	58.65	62.15	55.10	58.95	51.55	55.65	48.00	52.40
62.15	65.35	58.60	62.15	55.05	58.85	51.50	55.60	47.95	52.35
62.10	65.30	58.55	62.05	55.00	58.80	51.45	55.60	47.90	52.30
62.05	65.25	58.50	62.00	54.95	58.80	51.40	55.55	47.85	52.30
62.00	65.25	58.45	61.95	54.90	58.75	51.35	55.50	47.80	52.25
61.95	65.15	58.40	61.90	54.85	58.70	51.30	55.45	47.75	52.20
61.90	65.15	58.35	61.90	54.80	58.65	51.25	55.40	47.70	52.15
61.85	65.10	58.30	61.85	54.75	58.60	51.20	55.35	47.65	52.10
61.80	65.05	58.25	61.80	54.70	58.55	51.15	55.30	47.60	52.10
61.75	65.00	58.20	61.75	54.65	58.50	51.10	55.25	47.55	52.05
61.70	64.95	58.15	61.70	54.60	58.45	51.05	55.25	47.50	51.95
61.65	64.90	58.10	61.65	54.55	58.40	51.00	55.15	47.45	51.95
61.60	64.85	58.05	61.60	54.50	58.35	50.95	55.10	47.40	51.85
61.55	64.80	58.00	61.55	54.45	58.30	50.90	55.10	47.35	51.80
61.50	64.75	57.95	61.50	54.40	58.30	50.85	55.05	47.30	51.80
61.45	64.75	57.90	61.45	54.35	58.25	50.80	55.00	47.25	51.75
61.40	64.65	57.85	61.40	54.30	58.20	50.75	54.95	47.20	51.70
61.35	64.65	57.80	61.35	54.25	58.15	50.70	54.90	47.15	51.65
61.30	64.60	57.75	61.35	54.20	58.10	50.65	54.85	47.10	51.60
61.25	64.55	57.70	61.30	54.15	58.05	50.60	54.80	47.05	51.55
61.20	64.50	57.65	61.25	54.10	58.00	50.55	54.75	47.00	51.50
61.15	64.45	57.60	61.20	54.05	57.95	50.50	54.70	46.95	51.50
61.10	64.40	57.55	61.15	54.00	57.90	50.45	54.65	46.90	51.40
61.05	64.35	57.50	61.10	53.95	57.85	50.40	54.60	46.85	51.40
61.00	64.30	57.45	61.05	53.90	57.80	50.35	54.55	46.80	51.35

UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR	UAI	ATAR
46.75	51.30	43.20	48.05	39.65	44.80	36.10	41.55	32.55	38.30
46.70	51.25	43.15	48.00	39.60	44.75	36.05	41.50	32.50	38.25
46.65	51.20	43.10	47.95	39.55	44.70	36.00	41.50	32.45	38.20
46.60	51.15	43.05	47.90	39.50	44.65	35.95	41.40	32.40	38.15
46.55	51.10	43.00	47.85	39.45	44.60	35.90	41.35	32.35	38.10
46.50	51.05	42.95	47.80	39.40	44.55	35.85	41.30	32.30	38.10
46.45	51.05	42.90	47.75	39.35	44.55	35.80	41.25	32.25	38.05
46.40	50.95	42.85	47.75	39.30	44.50	35.75	41.25	32.20	38.00
46.35	50.90	42.80	47.65	39.25	44.40	35.70	41.15	32.15	37.90
46.30	50.90	42.75	47.60	39.20	44.35	35.65	41.15	32.10	37.90
46.25	50.85	42.70	47.60	39.15	44.35	35.60	41.10	32.05	37.85
46.20	50.75	42.65	47.55	39.10	44.30	35.55	41.05	32.00	37.80
46.15	50.75	42.60	47.50	39.05	44.25	35.50	41.00	31.95	37.75
46.10	50.70	42.55	47.45	39.00	44.20	35.45	40.95	31.90	37.70
46.05	50.65	42.50	47.40	38.95	44.15	35.40	40.90	31.85	37.65
46.00	50.60	42.45	47.35	38.90	44.10	35.35	40.90	31.80	37.60
45.95	50.55	42.40	47.30	38.85	44.05	35.30	40.80	31.75	37.60
45.90	50.50	42.35	47.25	38.80	44.05	35.25	40.80	31.70	37.50
45.85	50.45	42.30	47.20	38.75	43.95	35.20	40.70	31.65	37.50
45.80	50.40	42.25	47.20	38.70	43.95	35.15	40.65	31.60	37.45
45.75	50.35	42.20	47.15	38.65	43.85	35.10	40.65	31.55	37.40
45.70	50.30	42.15	47.10	38.60	43.85	35.05	40.60	31.50	37.35
45.65	50.25	42.10	47.05	38.55	43.75	35.00	40.55	31.45	37.30
45.60	50.20	42.05	46.95	38.50	43.75	34.95	40.50	31.40	37.25
45.55	50.20	42.00	46.95	38.45	43.70	34.90	40.50	31.35	37.20
45.50	50.15	41.95	46.90	38.40	43.65	34.85	40.40	31.30	37.15
45.45	50.10	41.90	46.85	38.35	43.60	34.80	40.40	31.25	37.15
45.40	50.05	41.85	46.80	38.30	43.55	34.75	40.30	31.20	37.05
45.35	50.00	41.80	46.75	38.25	43.50	34.70	40.25	31.15	37.05
45.30	49.95	41.75	46.70	38.20	43.45	34.65	40.20	31.10	37.00
45.25	49.90	41.70	46.65	38.15	43.45	34.60	40.20	31.05	36.90
45.20	49.85	41.65	46.65	38.10	43.35	34.55	40.15	31.00	36.90
45.15	49.85	41.60	46.55	38.05	43.35	34.50	40.10	30.95	36.85
45.10	49.75	41.55	46.55	38.00	43.30	34.45	40.05	30.90	36.80
45.05	49.75	41.50	46.50	37.95	43.25	34.40	40.00	30.85	36.75
45.00	49.70	41.45	46.45	37.90	43.20	34.35	39.95	30.80	36.70
44.95	49.65	41.40	46.40	37.85	43.15	34.30	39.90	30.75	36.65
44.90	49.60	41.35	46.35	37.80	43.10	34.25	39.85	30.70	36.60
44.85	49.55	41.30	46.30	37.75	43.05	34.20	39.80	30.65	36.55
44.80	49.50	41.25	46.25	37.70	43.00	34.15	39.80	30.60	36.50
44.75	49.45	41.20	46.20	37.65	42.95	34.10	39.70	30.55	36.50
44.70	49.40	41.15	46.15	37.60	42.90	34.05	39.65	30.50	36.40
44.65	49.35	41.10	46.10	37.55	42.90	34.00	39.65	30.45	36.35
44.60	49.35	41.05	46.05	37.50	42.85	33.95	39.60	30.40	36.35
44.55	49.25	41.00	46.00	37.45	42.80	33.90	39.55	30.35	36.30
44.50	49.25	40.95	46.00	37.40	42.70	33.85	39.50	30.30	36.25
44.45	49.15	40.90	45.95	37.35	42.70	33.80	39.45	30.25	36.20
44.40	49.15	40.85	45.90	37.30	42.65	33.75	39.40	30.20	36.15
44.35	49.10	40.80	45.85	37.25	42.60	33.70	39.35	30.15	36.15
44.30	49.05	40.75	45.80	37.20	42.55	33.65	39.30	30.10	36.10
44.25	49.00	40.70	45.75	37.15	42.50	33.60	39.25	30.05	36.00
44.20	48.95	40.65	45.70	37.10	42.50	33.55	39.20	30.00	36.00
44.15	48.90	40.60	45.65	37.05	42.40	33.50	39.15		
44.10	48.85	40.55	45.60	37.00	42.40	33.45	39.10		
44.05	48.80	40.50	45.55	36.95	42.30	33.40	39.05		
44.00	48.75	40.45	45.55	36.90	42.30	33.35	39.05		
43.95	48.75	40.40	45.50	36.85	42.20	33.30	39.00		
43.90	48.70	40.35	45.45	36.80	42.20	33.25	38.95		
43.85	48.60	40.30	45.40	36.75	42.15	33.20	38.90		
43.80	48.60	40.25	45.35	36.70	42.10	33.15	38.85		
43.75	48.55	40.20	45.30	36.65	42.05	33.10	38.80		
43.70	48.50	40.15	45.25	36.60	42.00	33.05	38.75		
43.65	48.45	40.10	45.20	36.55	41.95	33.00	38.70		
43.60	48.40	40.05	45.15	36.50	41.90	32.95	38.65		
43.55	48.35	40.00	45.10	36.45	41.85	32.90	38.60		
43.50	48.30	39.95	45.05	36.40	41.80	32.85	38.55		
43.45	48.25	39.90	45.00	36.35	41.75	32.80	38.50		
43.40	48.20	39.85	44.95	36.30	41.75	32.75	38.50		
43.35	48.15	39.80	44.95	36.25	41.70	32.70	38.45		
43.30	48.10	39.75	44.90	36.20	41.65	32.65	38.40		
43.25	48.10	39.70	44.85	36.15	41.60	32.60	38.35		