

MTH 4-06a

Homework 3

Bronze Level

Outcome 1

Powers



Evaluate the following powers...

1

18^1

2

12^2

3

13^3

4

8^4

5

2^5

6

4^6

7

4^7

8

5^8

9

1^9

10

6^{10}

Outcome 2

Roots



Evaluate the following roots...

1

$\sqrt[3]{1331}$

2

$\sqrt[3]{4096}$

3

$\sqrt[4]{50\,625}$

4

$\sqrt[4]{1296}$

5

$\sqrt[5]{100\,000}$

6

$\sqrt[5]{16\,807}$

7

$\sqrt[6]{531\,441}$

8

$\sqrt[7]{128}$

9

$\sqrt[8]{65\,536}$

10

$\sqrt[9]{10\,077\,696}$