Student Name: _____

Cubing Fractions

1) $\left(\frac{1}{8}\right)^3 =$	2) $\left(\frac{2}{5}\right)^3 =$
3) $\left(\frac{3}{4}\right)^3 =$	4) $\left(\frac{6}{11}\right)^3 =$
5) $\left(\frac{1}{10}\right)^3 =$	6) $\left(\frac{0}{9}\right)^3 =$
7) $\left(\frac{10}{12}\right)^3 =$	8) $\left(\frac{7}{13}\right)^3 =$
★EXTENDING 9) $\left(\frac{-4}{5}\right)^3 =$	10) $-\left(\frac{1}{7}\right)^3 =$
11) $\left(\frac{-2}{-3}\right)^3 =$	12) $\left(\frac{5}{-6}\right)^3 =$

Student Name: _____

Cube Rooting Fractions

1) $\sqrt[3]{\frac{8}{27}} =$	2) $\sqrt[3]{\frac{1}{216}} =$
3) $\sqrt[3]{\frac{343}{125}} =$	4) $\sqrt[3]{\frac{64}{729}} =$
5) $\sqrt[3]{\frac{0}{1331}} =$	6) $\sqrt[3]{\frac{512}{1000}} =$
7) $\sqrt[3]{\frac{1728}{2744}} =$	8) $\sqrt[3]{\frac{64}{2197}} =$
★ EXTENDING 9) $\sqrt[3]{\frac{-8}{1000}} =$	10) $\sqrt[3]{\frac{64}{-125}} =$
11) $\sqrt[3]{\frac{-512}{-1}} =$	12) $-\sqrt[3]{\frac{27}{216}} =$

Student Name: _____

Cubing Decimals

1) $(0.1)^3$ =	2) $(0.5)^3$ =
3) $(0.3)^3$ =	4) $(0.7)^3$ =
5) $(1.1)^3$ =	6) $(1.3)^3$ =
7) $(0.02)^3$ =	8) $(0.04)^3$ =
☆ EXTENDING 9) $(-0.4)^3$ =	10) $(-0.1)^3$ =
11) $-(0.6)^3$ =	12) $-(-0.7)^3$ =

Student Name: _____

Cube Rooting Decimals

1) $\sqrt[3]{0.027} =$	2) $\sqrt[3]{0.125} =$
3) $\sqrt[3]{0.001} =$	4) $\sqrt[3]{0.343} =$
5) $\sqrt[3]{1.000} =$	6) $\sqrt[3]{0.008} =$
7) $\sqrt[3]{2.744} =$	8) $\sqrt[3]{1.331} =$
★ EXTENDING 9) $\sqrt[3]{-0.064} =$	10) $\sqrt[3]{-0.216} =$
11) $-\sqrt[3]{0.512} =$	12) $-\sqrt[3]{-0.729} =$