**Course: SAT ACT Prep**

**Subject: Mathematical Reasoning**

**Topic: Arithmetic**

**Subtopic: Operations with Numbers Between Zero and One**

**Document: Quick Drill A Resource**

**Lesson Number: 5**

**Reference Number: 1005-7**

*https://youtube.com/c/MrMattTheTutor*



1. If A is greater than zero and less than one, which of the following is listed in ascending order?
	1. $A^{2},\sqrt{A},A^{3},A^{\frac{1}{3}}$
	2. $\sqrt{A},A^{2},A^{3},A^{\frac{1}{3}}$
	3. $A^{3},A^{2},\sqrt{A},A^{\frac{1}{3}}$
	4. $\sqrt{A},A^{3},A^{\frac{1}{3}},A^{2}$
2. If A is greater than zero and less than one, which of the following is listed in ascending order?
	1. $A^{3},A^{-1},A^{-2},A^{0}$
	2. $A^{3},A^{0},A^{-1},A^{-2}$
	3. $A^{3},A^{0},A^{-2},A^{-1}$
	4. $A^{-2},A^{0},A^{-1},A^{3}$
3. If A is greater than zero and less than one, which of the following is listed in descending order?
	1. $A^{\frac{7}{3}},A^{\frac{4}{3}},A^{\frac{1}{3}},A^{\frac{2}{3}}$
	2. $A^{\frac{1}{3}},A^{\frac{2}{3}},A^{\frac{7}{3}},A^{\frac{4}{3}}$
	3. $A^{\frac{1}{3}},A^{\frac{2}{3}},A^{\frac{4}{3}},A^{\frac{7}{3}}$
	4. $A^{\frac{7}{3}},A^{\frac{4}{3}},A^{\frac{2}{3}},A^{\frac{1}{3}}$
4. If A is less than negative one, which of the following is listed in ascending order?
	1. $A^{2},A^{3},A^{4},A^{5}$
	2. $A^{4},A^{5},A^{2},A^{3}$
	3. $A^{5},A^{4},A^{3},A^{2}$
	4. $A^{5},A^{3},A^{2},A^{4}$
5. If A is less than negative one, which of the following is listed in ascending order?
	1. $A^{-2},A^{-3},A^{-4},A^{-5}$
	2. $A^{-3},A^{-4},A^{-5},A^{-2}$
	3. $A^{-3},A^{-5},A^{-2},A^{-4}$
	4. $A^{-3},A^{-5},A^{-4},A^{-2}$
6. If A is less than negative one, which of the following is listed in ascending order?
	1. $-A^{-2},-A^{-3},-A^{-4},-A^{-5}$
	2. $-A^{-2},-A^{-3},-A^{-5},-A^{-4}$
	3. $-A^{-2},-A^{-4},-A^{-3},-A^{-5}$
	4. $-A^{-2},-A^{-4},-A^{-5},-A^{-3}$