

(please do not write on this document)

# KHAN ACADEMY DAY!

Instructions on how to get there and what to do:

1. Khanacademy.com
2. Click on course (top left)
3. Find math by grade and click 6th grade
4. Find Variables and Expressions and click on it (back in 6th grade)

The screenshot shows the 'Variables & expressions' course page on Khan Academy. At the top left is a blue circle with 'x+1'. The title 'Variables & expressions' is in the top left, and '0/1500 Mastery points' is in the top right. Below the title, there are two columns of topics. The left column includes: 'Parts of algebraic expressions', 'Substitution & evaluating expressions', 'Expression value intuition', and 'Evaluating expressions word problems'. The right column includes: 'Writing algebraic expressions introduction', 'Writing basic algebraic expressions word problems', 'Distributive property with variables', 'Combining like terms', and 'Equivalent expressions'.

- a. Scroll and find distributive property with variables
  - i. Do all the practice problems (on the right)

The screenshot shows the 'Distributive property with variables' practice section. On the left, under the heading 'Learn', there are three items with play button icons: 'Distributive property over addition', 'Distributive property over subtraction', and 'Distributive property with variables'. On the right, under the heading 'Practice', there are three practice blocks. Each block has a title, a progress indicator ('Get 3 of 4 questions to level up!'), a 'Practice' button, and a score indicator ('0/100 points'). The practice blocks are: 'Distributive property with variables', 'Create equivalent expressions by factoring', and 'Factor with distributive property (variables)'.

(please do not write on this document)

5. Find Properties of numbers and click on it

The screenshot shows a header for 'Properties of numbers' with a progress indicator '0/400 Mastery points'. Below the header, there are three sub-sections: 'Properties of numbers', 'Whole numbers & integers', and 'Least common multiple'. The 'Least common multiple' section is highlighted with a blue bar.

a. Find Least Common Multiple

i. Do the all practice problems (on the right)

The screenshot shows the 'Least common multiple' section. On the left, under 'Learn', there are four items: 'Least common multiple', 'Least common multiple: repeating factors', 'Least common multiple of three numbers', and 'Least common multiple review'. On the right, under 'Practice', there is a blue box with the text 'Up next for you: Least common multiple' and 'Get 3 of 4 questions to level up!'. Below this text is a blue 'Start' button. To the right of the 'Start' button is a progress indicator showing '0/100 points'.

b. Find Greatest Common Factor

i. Do all the practice problems (on the right)

The screenshot shows the 'Greatest common factor' section. On the left, under 'Learn', there are five items: 'Greatest common factor examples', 'Greatest common factor explained', 'Factor with the distributive property', 'GCF & LCM word problems', and 'Greatest common factor review'. On the right, under 'Practice', there are three items: 'Greatest common factor' (Get 5 of 7 questions to level up!), 'Factor with the distributive property (no variables)' (Get 5 of 7 questions to level up!), and 'GCF & LCM word problems' (Get 5 of 7 questions to level up!). Each item has a blue 'Practice' button and a progress indicator showing '0/100 points'.