

# HOMEWORK No. 1

This homework exercise is all about manipulation. For each homework problem you'll be given one triad. From there, you'll have to figure out the other three. You won't have to change any note names, just use sharps and flats. In some cases, you may have to double sharp or double flat a note to maintain the every-otherness of the triad. A double flat is written ( $bb$ ) and a double sharp is written ( $\times$ ). Always use note name scratch paper if it makes the process easier.

1

AUG	$\frac{B}{R}$	$\xrightarrow{M3}$	$\frac{D^\times}{3}$	$\xrightarrow{M3}$	$\frac{F^\times}{5}$
MAJ	$\frac{B}{R}$	$\xrightarrow{M3}$	$\frac{D^\times}{3}$	$\xrightarrow{m3}$	$\frac{F^\times}{5}$
MIN	$\frac{B}{R}$	$\xrightarrow{m3}$	$\frac{D}{3}$	$\xrightarrow{M3}$	$\frac{F^\times}{5}$
DIM	$\frac{B}{R}$	$\xrightarrow{m3}$	$\frac{D}{3}$	$\xrightarrow{m3}$	$\frac{F}{5}$

2

AUG	$\frac{C}{R}$	$\xrightarrow{M3}$	$\frac{E}{3}$	$\xrightarrow{M3}$	$\frac{G^\times}{5}$
MAJ	$\frac{C}{R}$	$\xrightarrow{M3}$	$\frac{E}{3}$	$\xrightarrow{m3}$	$\frac{G}{5}$
MIN	$\frac{C}{R}$	$\xrightarrow{m3}$	$\frac{E^b}{3}$	$\xrightarrow{M3}$	$\frac{G}{5}$
DIM	$\frac{C}{R}$	$\xrightarrow{m3}$	$\frac{E^b}{3}$	$\xrightarrow{m3}$	$\frac{G^b}{5}$

3

AUG	$\frac{D}{R}$	$\xrightarrow{M3}$	$\frac{F^\times}{3}$	$\xrightarrow{M3}$	$\frac{A^\times}{5}$
MAJ	$\frac{D}{R}$	$\xrightarrow{M3}$	$\frac{F^\times}{3}$	$\xrightarrow{m3}$	$\frac{A}{5}$
MIN	$\frac{D}{R}$	$\xrightarrow{m3}$	$\frac{F}{3}$	$\xrightarrow{M3}$	$\frac{A}{5}$
DIM	$\frac{D}{R}$	$\xrightarrow{m3}$	$\frac{F}{3}$	$\xrightarrow{m3}$	$\frac{A^b}{5}$

4

AUG	$\frac{G}{R}$	$\xrightarrow{M3}$	$\frac{B}{3}$	$\xrightarrow{M3}$	$\frac{D^\times}{5}$
MAJ	$\frac{G}{R}$	$\xrightarrow{M3}$	$\frac{B}{3}$	$\xrightarrow{m3}$	$\frac{D}{5}$
MIN	$\frac{G}{R}$	$\xrightarrow{m3}$	$\frac{B^b}{3}$	$\xrightarrow{M3}$	$\frac{D}{5}$
DIM	$\frac{G}{R}$	$\xrightarrow{m3}$	$\frac{B^b}{3}$	$\xrightarrow{m3}$	$\frac{D^b}{5}$

5

AUG	$\frac{A^b}{R}$	$\xrightarrow{M3}$	$\frac{C}{3}$	$\xrightarrow{M3}$	$\frac{E}{5}$
MAJ	$\frac{A^b}{R}$	$\xrightarrow{M3}$	$\frac{C}{3}$	$\xrightarrow{m3}$	$\frac{E^b}{5}$
MIN	$\frac{A^b}{R}$	$\xrightarrow{m3}$	$\frac{C^b}{3}$	$\xrightarrow{M3}$	$\frac{E^b}{5}$
DIM	$\frac{A^b}{R}$	$\xrightarrow{m3}$	$\frac{C^b}{3}$	$\xrightarrow{m3}$	$\frac{E^b}{5}$

6

AUG	$\frac{F^\times}{R}$	$\xrightarrow{M3}$	$\frac{A^\times}{3}$	$\xrightarrow{M3}$	$\frac{C^\times}{5}$
MAJ	$\frac{F^\times}{R}$	$\xrightarrow{M3}$	$\frac{A^\times}{3}$	$\xrightarrow{m3}$	$\frac{C^\times}{5}$
MIN	$\frac{F^\times}{R}$	$\xrightarrow{m3}$	$\frac{A}{3}$	$\xrightarrow{M3}$	$\frac{C^\times}{5}$
DIM	$\frac{F^\times}{R}$	$\xrightarrow{m3}$	$\frac{A}{3}$	$\xrightarrow{m3}$	$\frac{C}{5}$

## HOMWORK No. 1

Here are a few more. This homework lesson is mainly about understanding these triads on paper. Homework No. 2 covers more guitar-specific voicings of these triads.

7

AUG	$\frac{B^b}{R}$	$\xrightarrow{M3}$	$\frac{D}{3}$	$\xrightarrow{M3}$	$\frac{F^\#}{5}$
MAJ	$\frac{B^b}{R}$	$\xrightarrow{M3}$	$\frac{D}{3}$	$\xrightarrow{m3}$	$\frac{F}{5}$
MIN	$\frac{B^b}{R}$	$\xrightarrow{m3}$	$\frac{D^b}{3}$	$\xrightarrow{M3}$	$\frac{F}{5}$
DIM	$\frac{B^b}{R}$	$\xrightarrow{m3}$	$\frac{D^b}{3}$	$\xrightarrow{m3}$	$\frac{F^b}{5}$

8

AUG	$\frac{C^\#}{R}$	$\xrightarrow{M3}$	$\frac{E^\#}{3}$	$\xrightarrow{M3}$	$\frac{G^*}{5}$
MAJ	$\frac{C^\#}{R}$	$\xrightarrow{M3}$	$\frac{E^\#}{3}$	$\xrightarrow{m3}$	$\frac{G^\#}{5}$
MIN	$\frac{C^\#}{R}$	$\xrightarrow{m3}$	$\frac{E}{3}$	$\xrightarrow{M3}$	$\frac{G^\#}{5}$
DIM	$\frac{C^\#}{R}$	$\xrightarrow{m3}$	$\frac{E}{3}$	$\xrightarrow{m3}$	$\frac{G}{5}$

9

AUG	$\frac{D^b}{R}$	$\xrightarrow{M3}$	$\frac{F}{3}$	$\xrightarrow{M3}$	$\frac{A}{5}$
MAJ	$\frac{D^b}{R}$	$\xrightarrow{M3}$	$\frac{F}{3}$	$\xrightarrow{m3}$	$\frac{A^b}{5}$
MIN	$\frac{D^b}{R}$	$\xrightarrow{m3}$	$\frac{F^b}{3}$	$\xrightarrow{M3}$	$\frac{A^b}{5}$
DIM	$\frac{D^b}{R}$	$\xrightarrow{m3}$	$\frac{F^b}{3}$	$\xrightarrow{m3}$	$\frac{A^{bb}}{5}$

10

AUG	$\frac{C^b}{R}$	$\xrightarrow{M3}$	$\frac{E^b}{3}$	$\xrightarrow{M3}$	$\frac{G}{5}$
MAJ	$\frac{C^b}{R}$	$\xrightarrow{M3}$	$\frac{E^b}{3}$	$\xrightarrow{m3}$	$\frac{G^b}{5}$
MIN	$\frac{C^b}{R}$	$\xrightarrow{m3}$	$\frac{E^H}{3}$	$\xrightarrow{M3}$	$\frac{G^b}{5}$
DIM	$\frac{C^b}{R}$	$\xrightarrow{m3}$	$\frac{E^H}{3}$	$\xrightarrow{m3}$	$\frac{G^H}{5}$

11

AUG	$\frac{A}{R}$	$\xrightarrow{M3}$	$\frac{C^\#}{3}$	$\xrightarrow{M3}$	$\frac{E^\#}{5}$
MAJ	$\frac{A}{R}$	$\xrightarrow{M3}$	$\frac{C^\#}{3}$	$\xrightarrow{m3}$	$\frac{E}{5}$
MIN	$\frac{A}{R}$	$\xrightarrow{m3}$	$\frac{C}{3}$	$\xrightarrow{M3}$	$\frac{E}{5}$
DIM	$\frac{A}{R}$	$\xrightarrow{m3}$	$\frac{C}{3}$	$\xrightarrow{m3}$	$\frac{E^b}{5}$

12

AUG	$\frac{F}{R}$	$\xrightarrow{M3}$	$\frac{A}{3}$	$\xrightarrow{M3}$	$\frac{C^\#}{5}$
MAJ	$\frac{F}{R}$	$\xrightarrow{M3}$	$\frac{A}{3}$	$\xrightarrow{m3}$	$\frac{C}{5}$
MIN	$\frac{F}{R}$	$\xrightarrow{m3}$	$\frac{A^b}{3}$	$\xrightarrow{M3}$	$\frac{C}{5}$
DIM	$\frac{F}{R}$	$\xrightarrow{m3}$	$\frac{A^b}{3}$	$\xrightarrow{m3}$	$\frac{C^b}{5}$

## HOMEWORK No. 1

Lets increase the difficulty just a little bit. Identify the triad on the left and write in the appropriate M3's and m3s. Then convert the triad to the one requested on the right.

<p>1</p> <p>This triad is <u>Minor</u></p> <p>B <u>m3</u> D <u>M3</u> F#</p> <p>R → 3 → 5</p>		<p>Convert it to <u>Augmented</u></p> <p>B <u>M3</u> <u>D#</u> <u>M3</u> <u>Fx</u></p> <p>R → 3 → 5</p>
<p>2</p> <p>This triad is <u>Major</u></p> <p>G<sup>b</sup> <u>M3</u> B<sup>b</sup> <u>m3</u> D<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <u>Diminished</u></p> <p>G<sup>b</sup> <u>B<sup>##</sup></u> <u>D<sup>b</sup></u></p> <p>R → 3 → 5</p>
<p>3</p> <p>This triad is <u>Augmented</u></p> <p>F <u>M3</u> A <u>M3</u> C#</p> <p>R → 3 → 5</p>		<p>Convert it to <u>Minor</u></p> <p>F <u>A<sup>b</sup></u> <u>C</u></p> <p>R → 3 → 5</p>
<p>4</p> <p>This triad is <u>Major</u></p> <p>D<sup>b</sup> <u>M3</u> F <u>m3</u> A<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <u>Augmented</u></p> <p>D<sup>b</sup> <u>F</u> <u>A</u></p> <p>R → 3 → 5</p>
<p>5</p> <p>This triad is <u>diminished</u></p> <p>E <u>m3</u> G <u>m3</u> B<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <u>Major</u></p> <p>E <u>G#</u> <u>B</u></p> <p>R → 3 → 5</p>
<p>6</p> <p>This triad is <u>Aug</u></p> <p>A <u>M3</u> C# <u>M3</u> E#</p> <p>R → 3 → 5</p>		<p>Convert it to <u>Diminished</u></p> <p>A <u>C</u> <u>E<sup>b</sup></u></p> <p>R → 3 → 5</p>

## HOMework No. 1

Here are a few more. When you're finished here, move on to Homework No. 2

<p>7</p> <p>This triad is <u>Minor</u></p> <p>B<sup>b</sup> <u>m3</u> D<sup>b</sup> <u>M3</u> F</p> <p>R → 3 → 5</p>		<p>Convert it to <b>Diminished</b></p> <p>B<sup>b</sup> <u>D<sup>b</sup></u> <u>F<sup>b</sup></u></p> <p>R → 3 → 5</p>
<p>8</p> <p>This triad is <u>Aug</u></p> <p>G <u>M3</u> B <u>M3</u> D<sup>#</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <b>Diminished</b></p> <p>G <u>B<sup>b</sup></u> <u>D<sup>b</sup></u></p> <p>R → 3 → 5</p>
<p>9</p> <p>This triad is <u>Maj</u></p> <p>F<sup>#</sup> <u>M3</u> A<sup>#</sup> <u>m3</u> C<sup>#</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <b>Diminished</b></p> <p>F<sup>#</sup> <u>A</u> <u>C</u></p> <p>R → 3 → 5</p>
<p>10</p> <p>This triad is <u>dim</u></p> <p>D <u>m3</u> F <u>m3</u> A<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <b>Augmented</b></p> <p>D <u>F<sup>#</sup></u> <u>A<sup>#</sup></u></p> <p>R → 3 → 5</p>
<p>11</p> <p>This triad is <u>Maj</u></p> <p>E<sup>b</sup> <u>M3</u> G <u>m3</u> B<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <b>Augmented</b></p> <p>E<sup>b</sup> <u>G</u> <u>B</u></p> <p>R → 3 → 5</p>
<p>12</p> <p>This triad is <u>Minor</u></p> <p>A<sup>b</sup> <u>m3</u> C<sup>b</sup> <u>M3</u> E<sup>b</sup></p> <p>R → 3 → 5</p>		<p>Convert it to <b>Augmented</b></p> <p>A<sup>b</sup> <u>C</u> <u>E</u></p> <p>R → 3 → 5</p>