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Key Signatures and Scales

by Beatrice Wilder
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Key Signatures and Scales
Worksheet 1

C major scale

Write the correct letter names onto the keyboard.

Using semibreves, complete the above scale placing each note over its letter name.
Mark all the semitones with slurs
How many sharps are in the key signature? ....................
How many octaves of C major scale have you written? .................
Using minims (be careful with the stems) write the same scale in the bass.

Complete this C major scale and draw the correct clef at the beginning.

How many octaves did you write? ............................
What sort of notes did you use? ...............................
Key Signatures and Scales
Worksheet 2

G major scale

Name the 5th letter up from C ............

Complete these scales using minims.

How many octaves of each scale did you write? ..............

Mark the SEMITONES on the first scale and the TONES on the second scale.

The first scale has a key signature. The second scale needs sharp next to a note. Can you name the raised note? .........................

Complete this G major scale in the bass.

Can you complete this?
T___ T___ S_______ T___ T___ T___ S_______

Write the correct letter names onto the keyboard.
Remember the pattern of tones and semitones.

Complete this G major scale and draw the correct clef at the beginning.
Add the correct key signature.

Copy the G major key signatures in the treble and in the bass.
Key Signatures and Scales
Worksheet 3

D major scale

Name the 5th letter up from C ...........         Name the 5th letter up from G ........

Complete these scales using crotchets.

Which sharp was used in G major scale? ................              Which new sharp was added? ................................................

The first scale has a key signature. Can you name the sharps in the correct order? ........................

Complete this D major scale in the bass. Use quavers.

Between which notes do the SEMITONES occur? ............................

Write the correct letter names onto the keyboard.
Remember the pattern of tones and semitones.

Write the D major key signatures in the treble and in the bass
Name the 5th letter up from C .......... and the 5th letter up from G .......... and the 5th letter up from D .......... Complete these scales.

\[
\begin{array}{cccccccc}
  &  &  &  &  &  &  &  \\
  &  &  &  &  &  &  &  \\
  A & B & C & D & E & F & G & A
\end{array}
\]

Name the sharp in G major scale .......... Name the sharps in D major scale in order .................. Name the sharp added for A major .......... Write the pattern of tones and semitones in a major scale ........................................................................................................................................

Complete this A major scale in the bass.

\[
\begin{array}{cccccccc}
  &  &  &  &  &  &  &  \\
  &  &  &  &  &  &  &  \\
  A & B & C & D & E & F & G & A
\end{array}
\]

Write the correct letter names onto the keyboard. Remember the pattern of tones and semitones.

Write the A major key signatures in the treble and in the bass.
Complete these scales using crotchets.

Complete this E major scale and draw the correct clef at the beginning.
Add the correct key signature.

Mark the following True or False:
Between F sharp and G sharp is a semitone .....................    E major scale has four sharps .......................    D sharp to E is a tone .................

How many semitones occur in one octave of a major scale? .................

Complete this E major scale in the bass. Mark the tones.

Write the correct letter names onto the keyboard. Remember the pattern of tones and semitones.

Write the E major key signatures in the treble and in the bass.
Complete these scales using crotchets.

This scale has five sharps. Name them ..........................  
Name the note that comes after the first semitone ................

The note after B is ............... The note before E is .............. The interval between C sharp and D sharp is a ..............................

Complete this B major scale in the bass.

Write the correct letter names onto the keyboard. 
Remember the pattern of tones and semitones.

Write the B major key signatures in the treble and in the bass
Key Signatures and Scales
Worksheet 7

F sharp major scale

Complete these scales using semibreves.

\[ \text{F G A B C D E F} \]

Name the 5th note down from D .......... How many sharps in one octave of F sharp major scale .........

The interval between B and C sharp is a .......................... The enharmonic equivalent of this scale is: G flat major / A flat major

Complete this F sharp major scale in the bass. Mark semitones with slurs.

\[ \text{F G A B C D E F} \]

Complete this F sharp major scale and draw the correct clef at the beginning. Add the correct accidentals.

\[ \text{F G A B C D E F} \]

Write the correct letter names onto the keyboard. Remember the pattern of tones and semitones.

Write F sharp major key signatures in the treble and in the bass.
Complete these scales using semibreves.

F G A B C D E F  F G A B C D E F

Name the 5th note down from C ............ How many sharps does G major scale need? ............ How many flats does F major scale need? ............

Which note in this scale needs to be lowered by one semitone? .............................. Name the interval between E and F? ..............................

Complete this F major scale in the bass. Mark the semitones with slurs.

Complete this F major scale and draw the correct clef at the beginning. Add the correct accidental.

Write the correct letter names onto the keyboard. Remember the pattern of tones and semitones.

Write the F major key signatures in the treble and in the bass
Complete these scales using crotchets.

This scale begins on a black key? Name it ................. 
Name the interval between B flat and C .................

Intervals:
Between C and D is ................. 
Between F and G is ................. 
Between E flat and F is ................. 
Between C and D is ................. 

Complete this B flat major scale in the bass.

Complete this B flat major scale and draw the correct clef at the beginning. 
Add the correct accidentals

Write the correct letter names onto the keyboard. 
Remember the pattern of tones and semitones.

Write the B flat major key signatures in the treble and in the bass.
Complete these scales using crotchets.

Complete this E flat major scale and draw the correct clef at the beginning.

Add the key signature:

Name the flats in the key signature in the correct order ................................    Name the first 3 intervals in a major scale ........................................

Name the last 3 intervals in a major scale ..................................    Name the interval that is in the middle ...........................................

Complete this E flat major scale in the bass. Use minims.

Write the correct letter names onto the keyboard.

Remember the pattern of tones and semitones.

Write the E flat major key signatures in the treble and in the bass:
Key Signatures and Scales
Worksheet 11

A flat major scale

The note one semitone up from C is ........... and one tone lower than G is ........... the 5th note in the scale is ........... Complete these scales.

Complete this A flat major scale and draw the correct clef at the beginning. Add the correct key signature.

Name the flats in A flat major scale ...................... Name the tonic of this scale ...................... Name the leading note ......................

Major scales have a pattern of two tones and a semitone at both ends, they are joined in the middle by a: ............................................................

Complete this A flat major scale in the bass.

Write the correct letter names onto the keyboard.
Remember: the relative minor key of A flat major is F minor.

Write the A flat major key signatures in the treble and in the bass.

Name .........................................

Complete these scales.

Complete this A flat major scale and draw the correct clef at the beginning. Add the correct key signature.
Key Signatures and Scales
Worksheet 12

A harmonic minor scale

Using minims, complete the scale above.
Mark all the semitones with slurs
Mark all the tones with square brackets
Are there any intervals larger than a tone? ......................
Which note needs an accidental? ......................
How many sharps or flats in the key signature? ..................
Using semibreves, write the same scale in the bass. Don't forget the last accidental!

Complete this A minor scale and
draw the correct clef at the beginning.
Put in the RAISED 7th in the correct place.
Where does the accidental go? ............................
What sort of accidental did you use? ............................
Using minims, complete the scale above.
Write the pattern of tones and semitones in harmonic minor scales:

Where is the interval larger than a tone? ......................
Which accidental is not in the key signature? ............... 
Name the interval between G and A .... ..................
Using minims, write the same scale in the bass. Put in the key signature and accidental.

Complete this E minor scale and
draw the correct clef at the beginning.
Use a key signature. Don't forget the raised 7th.
Where does the accidental go? ..............................
Which two notes in this scale are raised? ........................
Key Signatures and Scales
Worksheet 14

**D harmonic minor scale**

Using semibreves, complete the scale above.

Mark all the semitones with slurs.

Name the interval between B flat and C sharp

Where is the interval larger than a tone?

Which note is raised a semitone?

Which note is lowered a semitone?

Using crotchets, write the same scale in the bass. Put in the key signature and accidental.

Complete this D minor scale and
draw the correct clef at the beginning.

Use a key signature.

Where does the accidental go?

Which note is raised?
Complete these scales using crotchets.

Complete this B minor scale and draw the correct clef at the beginning.

Add the correct accidentals

The key signature has two sharps. Name them ........................................... Name the sharp note that is not in the key signature .........................

The semitones are between ............................... ............................... and ............................... The interval between D and E is a ..................................

Complete this B minor scale in the bass.

Write the correct letter names onto the keyboard. Remember the pattern of tones and semitones.

Write the B minor key signatures in the treble and in the bass
Tick the Correct Answers

Colour the circles to create the scales of:

**F MAJOR**

**E MAJOR**

**B FLAT MAJOR**
Test your Knowledge 2

Tick the Correct Answers

1. F flat major
   - F major
   - D major
   - A minor
   - A major

2. A major
   - A major
   - G major
   - F minor
   - A minor

3. B major
   - B major
   - B minor
   - E minor
   - A minor

4. A flat major
   - A flat major
   - E flat major
   - E minor
   - F minor

5. E flat major
   - E flat major
   - A minor
   - E minor
   - E minor

6. B flat major
   - B flat major
   - A minor
   - A minor
   - E minor
# Key Signature Patterns - Sharps

<table>
<thead>
<tr>
<th>Key Signature</th>
<th>Number of Sharps</th>
<th>Relative Minor Key</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>C major</td>
<td>0</td>
<td>A minor</td>
<td>C, A,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G</td>
</tr>
<tr>
<td>G major</td>
<td>1</td>
<td>E minor</td>
<td>G, E</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F#</td>
</tr>
<tr>
<td>A major</td>
<td>3</td>
<td>F minor</td>
<td>A, F</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>C#</td>
</tr>
<tr>
<td>E major</td>
<td>4</td>
<td>C# minor</td>
<td>E, C#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G#</td>
</tr>
<tr>
<td>B major</td>
<td>5</td>
<td>G# minor</td>
<td>B, G#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>D#</td>
</tr>
<tr>
<td>F major</td>
<td>6</td>
<td>D# minor</td>
<td>F, D#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>A#</td>
</tr>
<tr>
<td>C major</td>
<td>7</td>
<td>A# minor</td>
<td>C, A#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>E</td>
</tr>
</tbody>
</table>

Place all seven sharps in their correct positions. Write the letter names of the sharps here:
# Key Signature Patterns - Flats

<table>
<thead>
<tr>
<th>Key Signature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C major</strong></td>
<td>Has no sharps or flats. Relative minor key is A minor</td>
</tr>
<tr>
<td><strong>F major</strong></td>
<td>Has one flat: B flat. F is a perfect fifth below C. F is also a perfect fourth above C. A perfect fourth is an interval of five semitones. Its relative minor key is D minor</td>
</tr>
<tr>
<td><strong>B♭ major</strong></td>
<td>Has two flats: B♭ and E♭. B♭ is a perfect fifth below F. Its relative minor key is G minor</td>
</tr>
<tr>
<td><strong>E♭ major</strong></td>
<td>Has three flats. B♭, E♭, and A♭. E♭ is a perfect fifth below B♭. Its relative minor key is C minor</td>
</tr>
<tr>
<td><strong>A♭ major</strong></td>
<td>Has four flats. B♭, E♭, A♭, and D♭. A♭ is a perfect fifth below E♭. Its relative minor key is F minor</td>
</tr>
<tr>
<td><strong>D♭ major</strong></td>
<td>Has five flats. B♭, E♭, A♭, D♭, and G♭. D♭ is a perfect fifth below A♭. Its relative minor key is B♭ minor</td>
</tr>
<tr>
<td><strong>G♭ major</strong></td>
<td>Has six flats. B♭, E♭, A♭, D♭, G♭, and C♭. G♭ is a perfect fifth below D♭. Its relative minor key is B♭ minor</td>
</tr>
<tr>
<td><strong>C♭ major</strong></td>
<td>Has seven flats. B♭, E♭, A♭, D♭, G♭, C♭, and F♭. C♭ is a perfect fifth below G♭. Its relative minor key is B♭ minor</td>
</tr>
</tbody>
</table>

Place all seven flats in their correct positions.

Write the letter names of the flats below:

**Note:** It is the exact reverse of the order of sharps.
Key Signatures and Scales
Worksheet 20

Create a Circle of Fifths - Step One

Major keys are on the outside of the circle

How many sharps does each key have? Complete the list:

- C (no sharps or flats)
- G
- D
- A
- E
- C#
- B
- F#

Complete all the key signatures:

Write the names of the relative minor keys on the inside of the circle.
Complete the list:
Create a Circle of Fifths - Step Two

- Major keys are on the outside of the circle
- Write the names of the relative minor keys on the inside of the circle.
- Complete the list:
  - How many flats does each key have?
  - Complete the list:
- Complete all the key signatures:
### Enharmonic Equivalents

Name these notes that sound the same but a different name. They are enharmonic equivalents. The first one is done for you:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C# and D♭</td>
<td>B# and</td>
<td># and E♭</td>
</tr>
<tr>
<td>F# and ♭</td>
<td>A♭ and</td>
<td># C♭ and</td>
</tr>
<tr>
<td># and E♭</td>
<td>G♭ and</td>
<td># # and E</td>
</tr>
<tr>
<td>B♭ and #</td>
<td>A# and ♭</td>
<td>E# and</td>
</tr>
</tbody>
</table>

Colour the dots on the keyboard

Name the key: .........................................

Colour the dots on the keyboard

Name the key: .........................................

Colour the dots on the keyboard

Name the key: .........................................

Colour the dots on the keyboard

Name the key: .........................................

Colour the dots on the keyboard

Name the key: .........................................
The Complete Circle of Fifths

Write the names of the Minor keys on the inside of the circle (no sharps or flats)
Quiz

Write these notes in their pairs onto the bars below. Each pair into the same bar. Use minims and draw lines to where they are to be found on the keyboard. Write half of the pairs onto the treble stave and half onto the bass stave.

\[
\begin{array}{cccccccc}
F\# & G_b & B\# & C & E & F_b & A\times & B \\
D\# & E_b & A\# & B_b & C\times & D & E \# & F \\
C\flat & A\# & C & B
\end{array}
\]