

Take a

Be Kind Break™ 

3rd-5th  
Grade

be respectful



Math

The **Be Kind Pledge** lists 10 skillsets of kindness.  
This month we are focusing on **Be Respectful**.



  
kind

I pledge to

- Be Encouraging
- Be Supportive
- Be Positive
- Be Helpful
- Be Honest
- Be Considerate
- Be Thankful
- Be Responsible
- Be Respectful
- Be a Friend

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## What does RESPECTFUL mean?

The dictionary says showing respect is the act of giving attention, thought, gratitude or admiration to someone.

When you are respectful you recognize and appreciate others for who they are.

It is being aware of how you treat yourself and others, and doing so with kindness.

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## Respect My Groove

Musicians and dancers like Alix know that all music can be broken up into beats. A beat starts the rhythm of a song and can be kept up through clapping or tapping. Ludwig van Beethoven was a master of beats and rhythms.

Some songs have a really fast beats and rhythms and others are slower.

### Class Discussion

- *Can you think of any songs that have a slow beat?*
- *Can you think of any songs that have a fast beat?*

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## Math and Music

Did you know that math and music are closely related? By improving math skills, you can improve the way you perceive music and are able to perform music.

So, what do musician Ludwig van Beethoven and mathematician Albert Einstein have in common? It seems strange to assume that people born over a hundred years apart would have anything in common, however, one similarity between music and math is in the use of fractions!

When choreographing (creating new dances), Alix sometimes likes to dance before the beat of the song. She can choose to start a move  $\frac{1}{2}$  a beat early or  $\frac{1}{2}$  a beat late. To do this, she must master fractions and time signatures.

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### Respect My Groove

Alix is creating a new dance piece for rehearsal this upcoming weekend. Can you help refresh her knowledge of fractions?

1.  $\frac{1}{2} + 4.5$

2.  $\frac{4}{3} + \frac{1}{3}$

3.  $\frac{12}{3} - \frac{1}{2}$

4.  $6\frac{1}{2} - 2$

5.  $3 - \frac{1}{3}$



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### Answer Guide

1. 5
2.  $1\frac{2}{3}$
3.  $3\frac{1}{2}$
4.  $4\frac{1}{2}$
5.  $2\frac{2}{3}$

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## Academic Standards & References

Common Core Standards and College and Career Readiness

S1.E1 Mature Patterns

CCSS.MATH.CONTENT.3.NF.A.1 Basics of Fractions

CCSS.MATH.CONTENT.3.NF.A.2 Fractions on a Number Line

CCSS.MATH.CONTENT.3.NF.A.3 Fraction Equivalents

CCSS.MATH.CONTENT.4.NF.A.2 Comparing Fractions

CCSS.MATH.CONTENT.4.NF.B.3 Building Unit Fractions



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