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# NUMBER TALKS FOR NUMBER SENSE

IN HIGH SCHOOL MATH

Awesome Prompts for Mathematical Thinking

created by Jackie Palmquist and Deb Kimminau

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Organized by  
Number  
Sense Units

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## Sample Page

**Classroom ready**  
Projectable prompt

**Discourse cues**  
Talk Tips

**Differentiation**  
Backup/Extensions

### Represent

$$\frac{3}{8}$$

### in a different way.

**Talk Tips**  
Ask students to consider more than one way to approach.


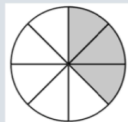
**Backup/Extension Problems**  
Try other fractions.  
Easier  $\frac{1}{2}$ ,  $\frac{1}{4}$   
Harder  $\frac{1}{6}$ ,  $\frac{1}{5}$ ,  $\frac{4}{3}$ ,  
Request visual representations.

**Student tested**  
Sample Answers

**Personalize**  
Notes

**Color coded for  
quick referencing**

**Sample Answers:**

$3 \div 8$	$0.375$	
$3 \times \frac{1}{8}$	$\frac{1}{2} \times \frac{3}{4}$	
$\frac{6}{16}$	$\frac{\sqrt{9}}{\sqrt{64}}$	

Notes:



Learn more at [www.thumbsupmath.com](http://www.thumbsupmath.com)