

Welcome to our Parent Workshop

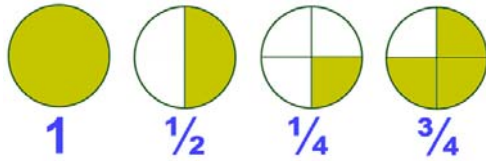
- Have a go at working together to solve these

$$\frac{1}{2} \times \frac{2}{5}$$

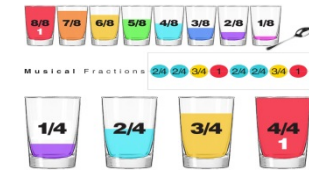
$$\frac{1}{3} \div \frac{1}{4}$$

$$\frac{4}{7} \times \frac{1}{4}$$

$$\frac{3}{5} \div \frac{2}{3}$$



1											
1/2				1/2							
1/3			1/3			1/3					
1/4		1/4		1/4		1/4					
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1/6		1/6		1/6		1/6					
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8				
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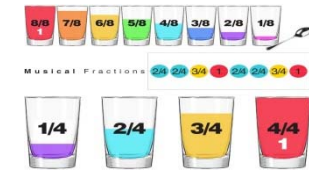
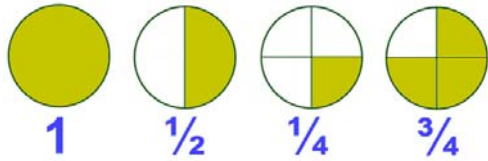
- Answers

$$1 \frac{1}{5}$$

$$4 \frac{1}{3} = 1 \frac{1}{3}$$

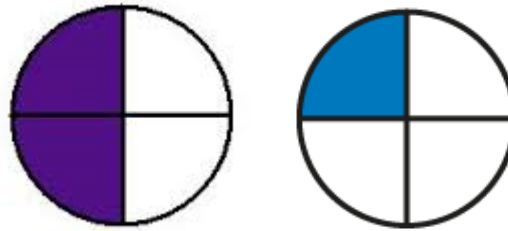
$$\frac{4}{28} = \frac{1}{7}$$

$$\frac{9}{10}$$



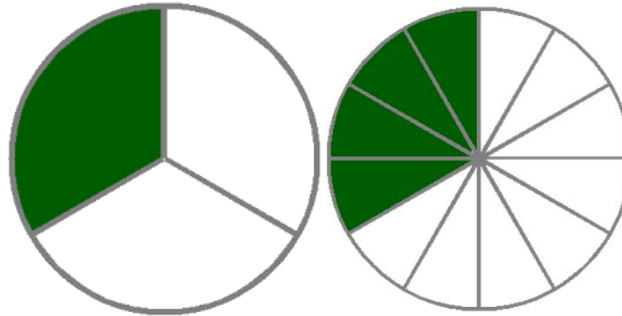
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$$\frac{1}{2} \text{ of } \frac{1}{2} =$$

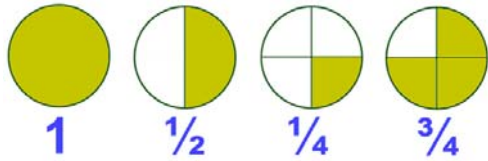


$$\frac{1}{4}$$

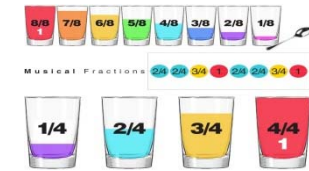
$$\frac{1}{4} \times \frac{1}{3}$$



$$\frac{1}{12}$$



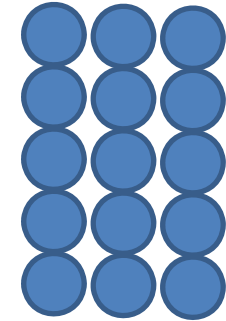
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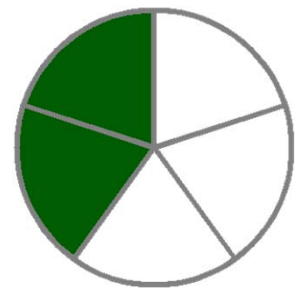
$$3 \times 5$$

3 x 5 means
3 lots of 5

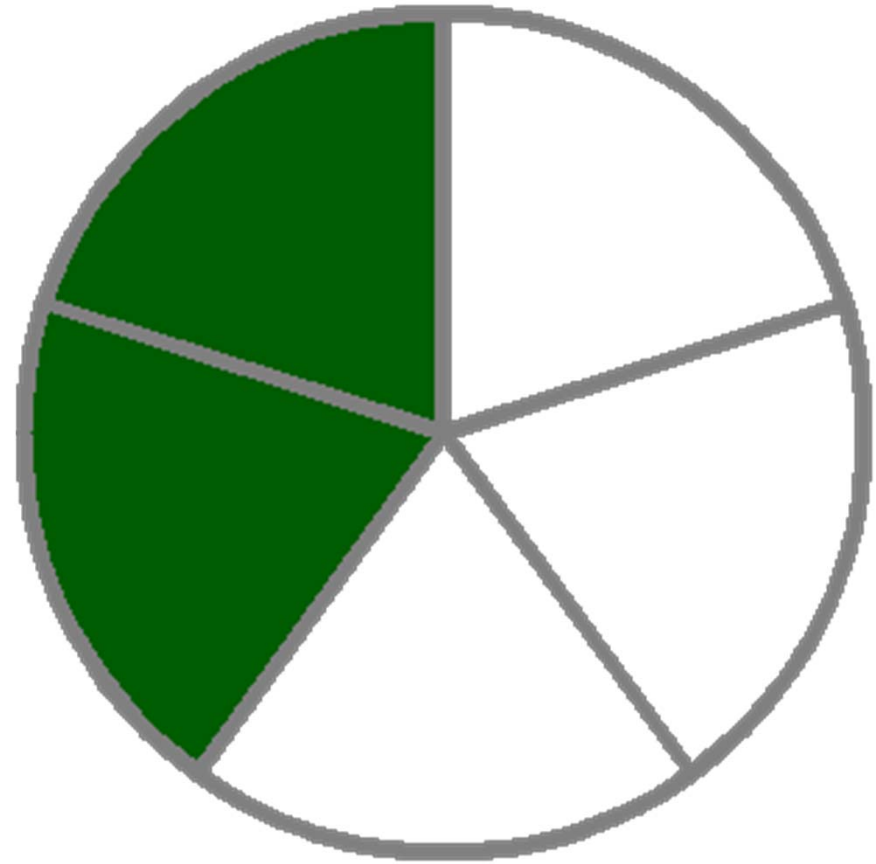


$$\frac{1}{2} \times \frac{2}{5}$$

1/2 x 2/5 means
1/2 of 2/5



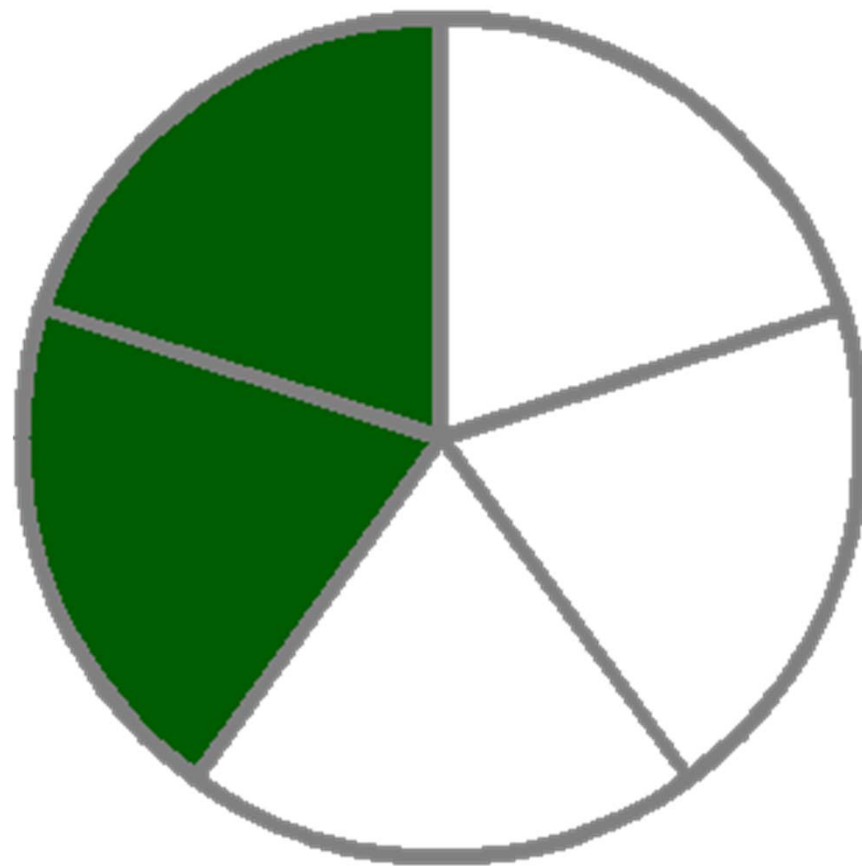
$$\frac{1}{2} x \frac{2}{5}$$

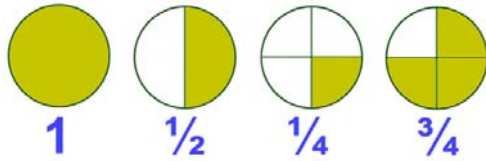


$$\frac{1}{2} \times \frac{2}{5}$$

$$\frac{1}{2} \times \frac{2}{5} = \frac{2}{10}$$

$$\frac{2}{10} = \frac{1}{5}$$





Parent Workshop

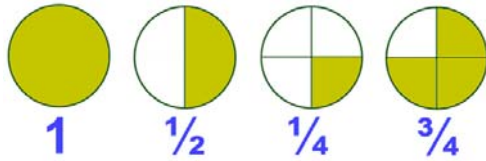
- Have a go at working together to solve these

$$\frac{1}{6} \times \frac{4}{5}$$

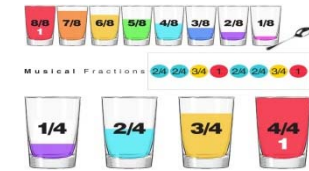
$$\frac{4}{30} = \frac{2}{15}$$

$$\frac{2}{7} \times \frac{3}{4}$$

$$\frac{6}{28} = \frac{3}{14}$$



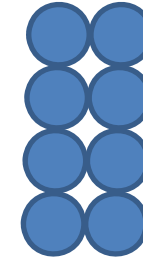
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Parent Workshop

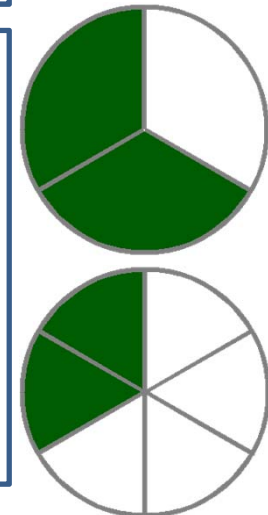
$$8 \div 2$$

8 ÷ 2 means
How many 2's are in 8?



$$\frac{2}{3} \div \frac{2}{6}$$

2/3 ÷ 2/6 means
How times does 2/6 go into
2/3?

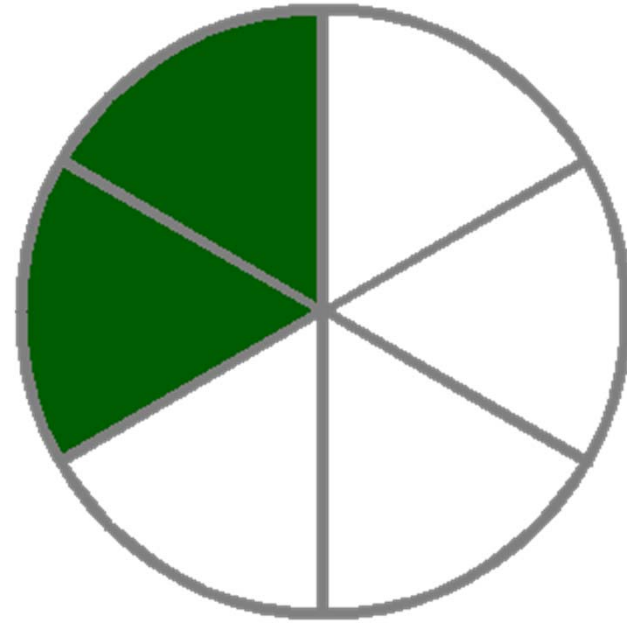


$$\frac{2}{3} \div \frac{2}{6}$$

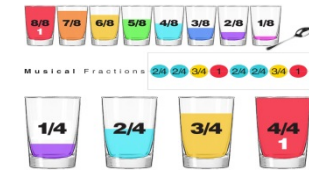
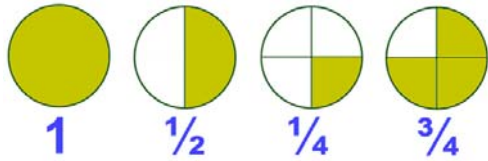
$$\frac{2}{3} \times \frac{6}{2}$$

$$\frac{2}{3} \times \frac{6}{2} = \frac{12}{6}$$

$$\frac{12}{6} = 2$$



$$\frac{2}{3} \div \frac{2}{6}$$



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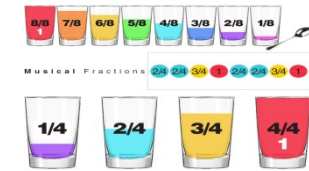
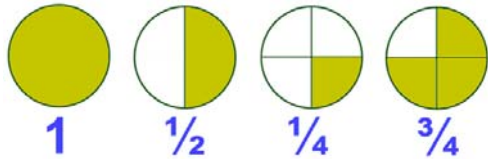
- Have a go at working together to solve these

$$\frac{2}{7} \times \frac{3}{4}$$

$$\frac{2}{3} \div \frac{1}{5}$$

$$\frac{1}{4} \times \frac{2}{3}$$

$$\frac{1}{7} \div \frac{2}{5}$$



Parent Workshop

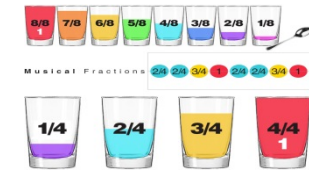
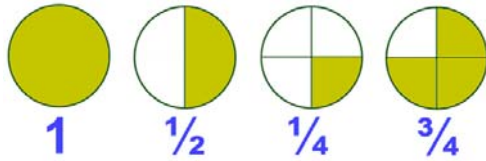
- Have a go at working together to solve these

$$\frac{6}{28} = \frac{3}{14}$$

$$\frac{10}{3} = 3 \frac{1}{3}$$

$$\frac{2}{12} = \frac{1}{6}$$

$$\frac{5}{14}$$

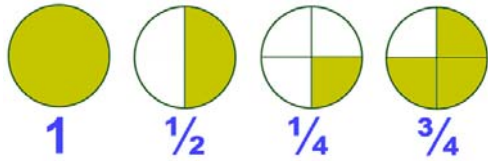


Parent Workshop

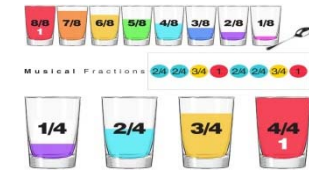
- Now for something completely different

$$2 \frac{1}{2} \times 2 \frac{1}{2}$$

Have a go yourselves



1											
1/2				1/2							
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1/6		1/6		1/6		1/6					
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8				
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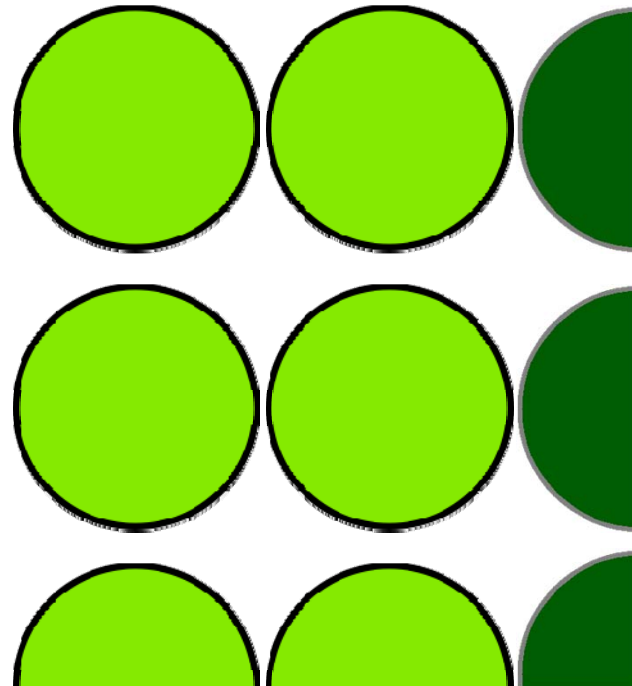


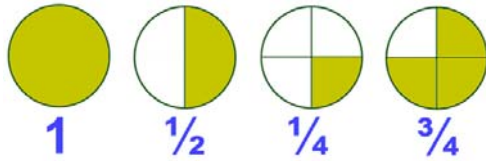
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- Now for something completely different

$$2 \frac{1}{2} \times 2 \frac{1}{2}$$

$$6 \frac{1}{4}$$



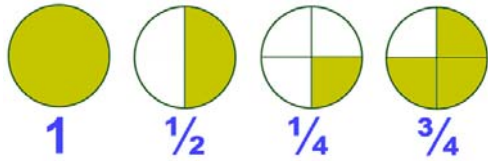


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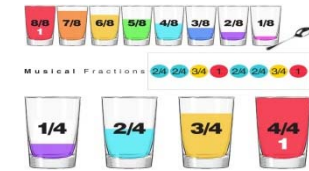
- Now for something completely different

$$2 \frac{1}{2} \times 2 \frac{1}{2}$$

Were you correct?



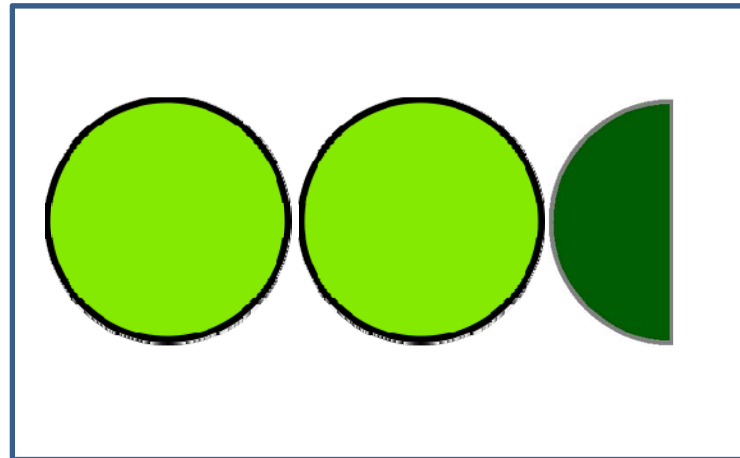
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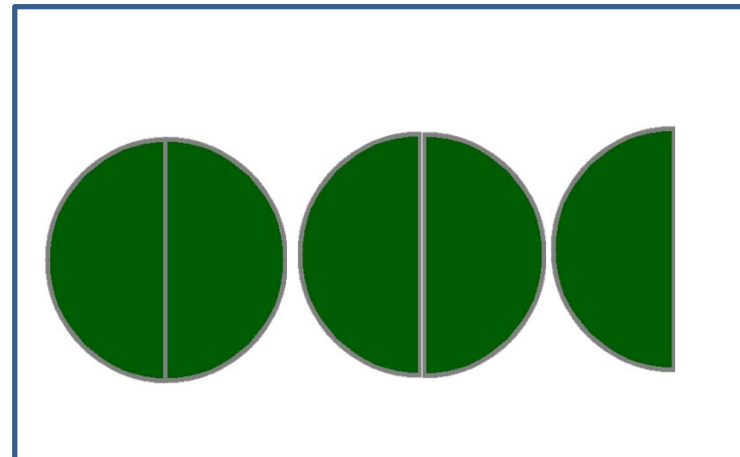
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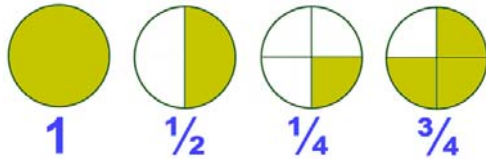
- Mixed fractions to Improper fractions

$$2 \frac{1}{2} = \frac{?}{2}$$

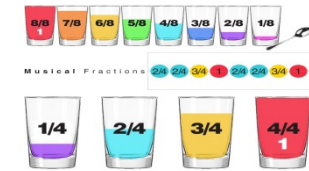


$$2 \frac{1}{2} = \frac{5}{2}$$





1											
1/2				1/2							
1/3			1/3			1/3					
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1/5		1/5		1/5		1/5					
1/6		1/6		1/6		1/6					
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8				
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1/12	1/12	1/12	1/12	1/12	1/12	1/12	1/12				



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- Mixed fractions to Improper fractions

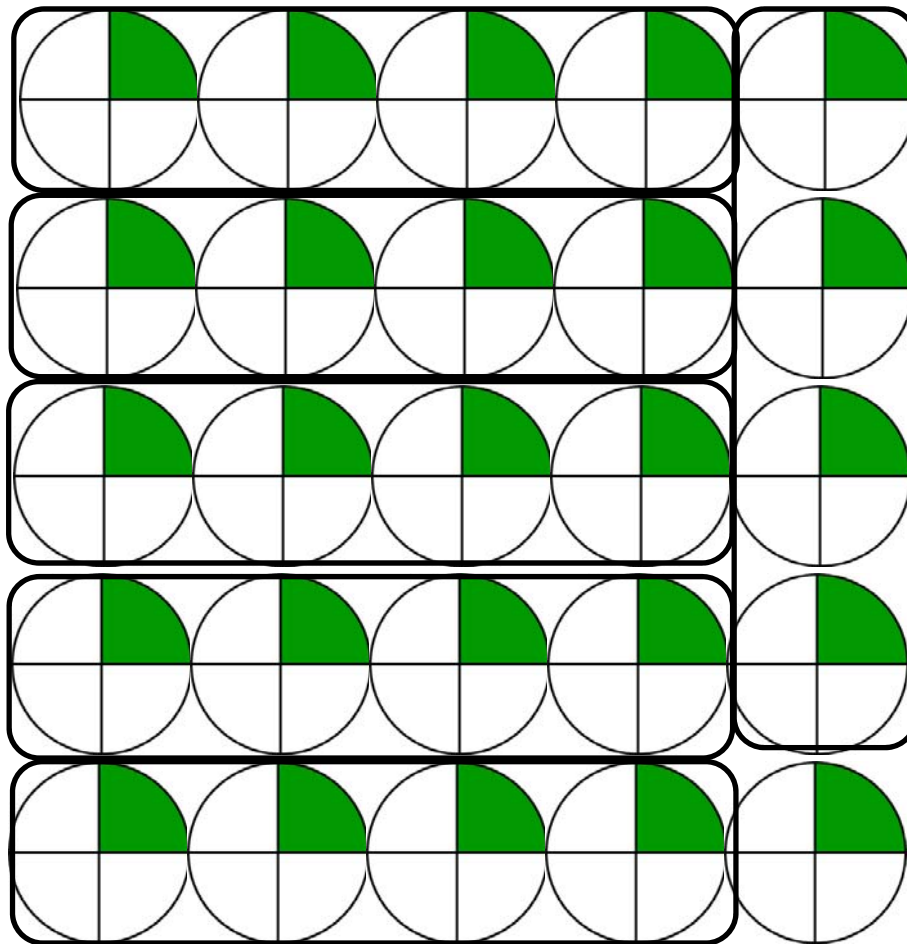
$$2 \frac{1}{2} \times 2 \frac{1}{2}$$

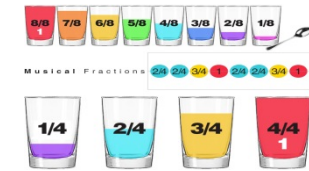
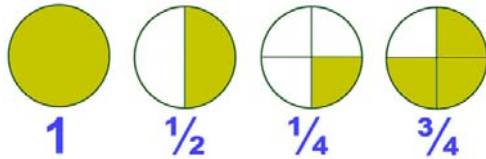
$$\frac{5}{2} \times \frac{5}{2}$$

$$\frac{5}{2} \times \frac{5}{2}$$

$$\frac{5}{2} \times \frac{5}{2} = \frac{25}{4}$$

$$\frac{25}{5} = 6\frac{1}{4}$$



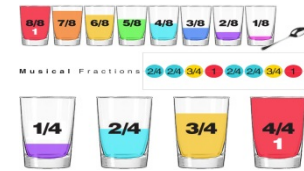
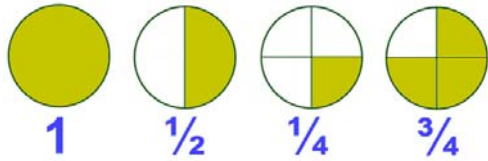


Parent Workshop

- Multiplying mixed fractions

Steps to Success

- Convert mixed fractions to improper fractions
- Multiply the numerator by the numerator
- Multiply the denominator by the denominator
- Simplify your answer
- Convert back to a mixed fraction



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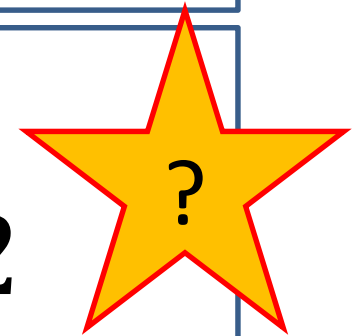
- Multiplying mixed fractions

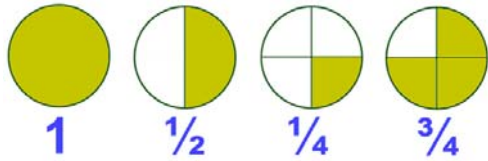
$$1\frac{1}{2} \times 1\frac{2}{3}$$

$$1\frac{1}{3} \times 1\frac{1}{3}$$

$$1\frac{1}{6} \times 2\frac{1}{6}$$

$$1\frac{3}{4} \times 2$$





Parent Workshop

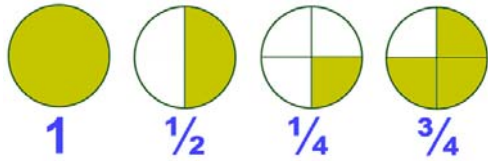
- Answers

$$2\frac{1}{2}$$

$$1\frac{7}{9}$$

$$2\frac{19}{36}$$

$$3\frac{1}{2}$$

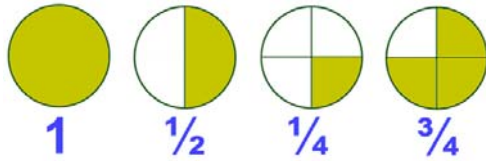


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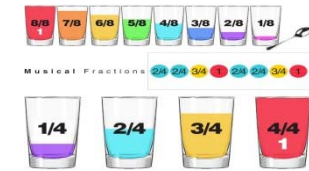
- Dividing mixed fractions

$$2\frac{1}{2} \div 1\frac{1}{2}$$

Have a go...



1											
1/2				1/2							
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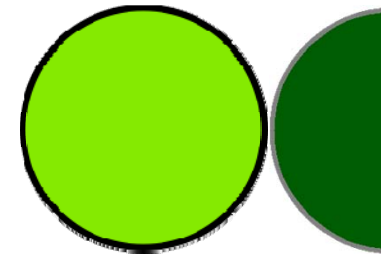


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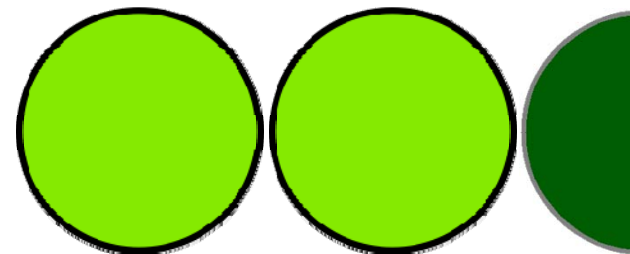
- Now for something completely different

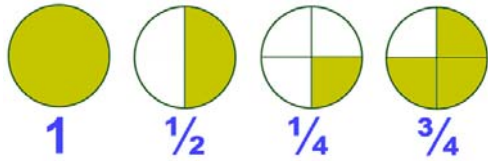
$$2 \frac{1}{2} \div 1 \frac{1}{2}$$

How many times will...

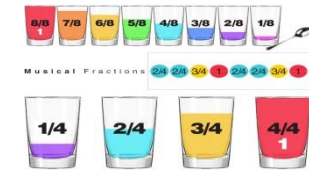


Go into...





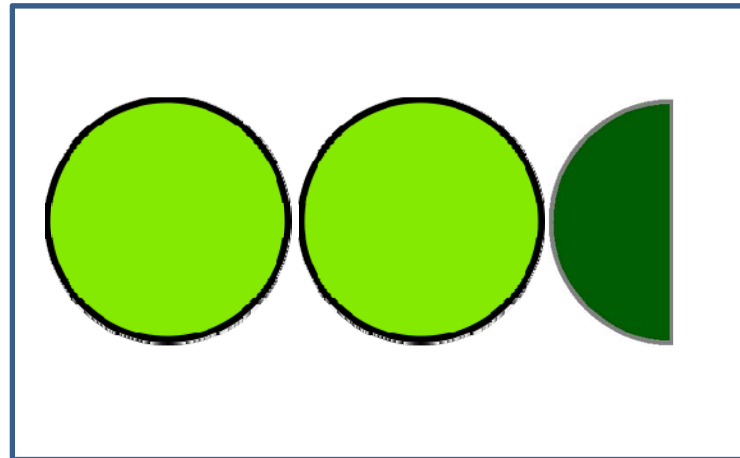
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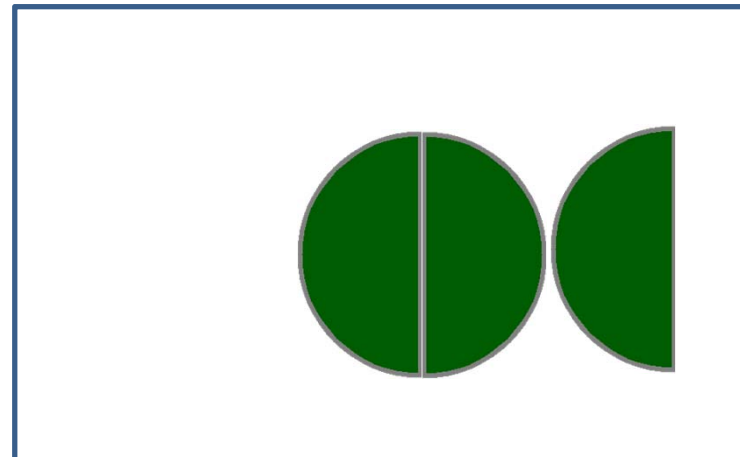
Parent Workshop

- Mixed fractions to Improper fractions

$$2 \frac{1}{2} = \frac{5}{2}$$



$$1 \frac{1}{2} = \frac{3}{2}$$

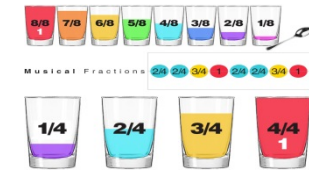
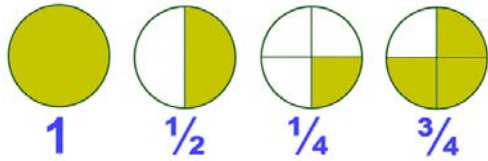


$$\frac{5}{2} \div \frac{3}{2}$$

$$\frac{5}{2} \times \frac{2}{3}$$

$$\frac{5}{2} \times \frac{2}{3} = \frac{10}{6}$$

$$\frac{10}{6} = 1\frac{4}{6} = 1\frac{2}{3}$$



Parent Workshop

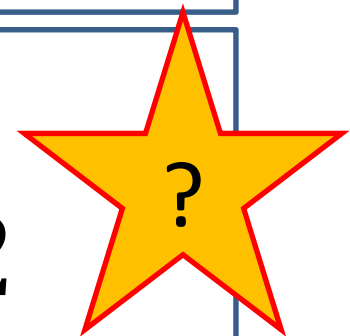
- Dividing mixed fractions

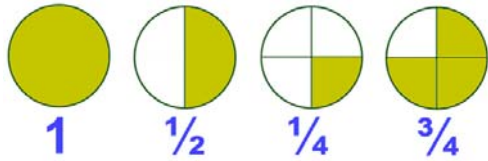
$$1\frac{1}{2} \div 1\frac{2}{3}$$

$$1\frac{1}{3} \div 1\frac{1}{3}$$

$$1\frac{1}{6} \div 2\frac{1}{6}$$

$$1\frac{3}{4} \div 2$$





Parent Workshop

- Answers

$$\frac{9}{10}$$

$$1$$

$$1 \frac{42}{78} = 1 \frac{12}{26}$$

$$\frac{7}{8}$$