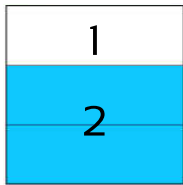


Name \_\_\_\_\_

FRACTIONS CONVERTER

**Ratio: Comparison of one value and another.**  
E.g. 2 : 1 means 2 shaded to 1 not shaded.



2 : 1

Note the number of pieces altogether:

$2 + 1 = \square$

**Write the ratio of the shaded to unshaded areas.**

(Note that the shaded number comes first. Order is important!)

**Write the numbers on the shaded shapes as well as in the box.**

**Then write the number of pieces altogether.**

1)



This is a

**PREVIEW**

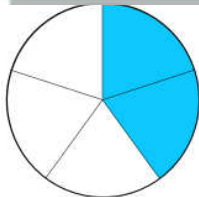


2)

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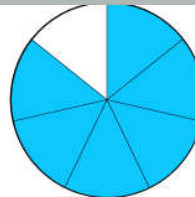
3)



Number of pieces  
altogether:

=

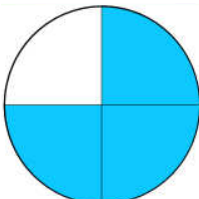
7)



Number of pieces  
altogether:

=

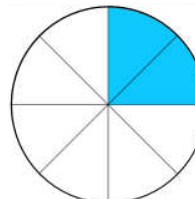
4)



Number of pieces  
altogether:

=

8)



Number of pieces  
altogether:

=

These worksheets are part of the Professor Pete's Gadgets: *Fractions Converter* eBook.

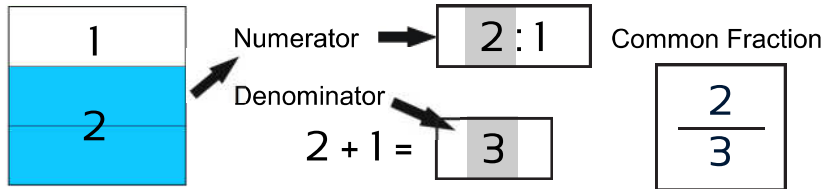
Name \_\_\_\_\_

FRACTIONS CONVERTER

Writing ratio as a common fraction:

The first value (the shaded area) is the numerator.

The number of pieces altogether is the denominator.



Write the ratio of the shaded to unshaded areas.

Write the number of pieces altogether.

Then write the ratio as a common fraction.

1)



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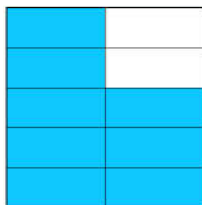
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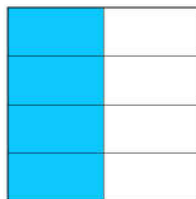


8 : 2

Common Fraction

=

4)



4 : 4

Common Fraction

=

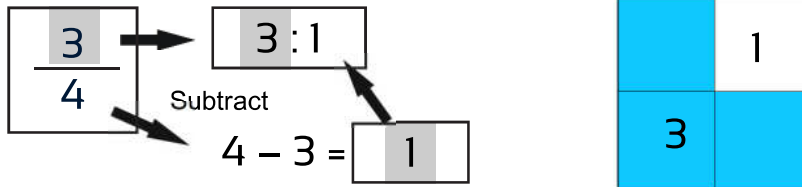
Name \_\_\_\_\_

FRACTIONS CONVERTER

**Writing a common fraction as a ratio:**

The numerator (the shaded area) is the first value in the ratio.  
The second value of the ratio is the remaining area unshaded.  
To find this subtract the numerator from the denominator.

Common Fraction



Cha



1)

This is a

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3)

—	Ratio	
=		

4)

5 — 6	Ratio	
=		