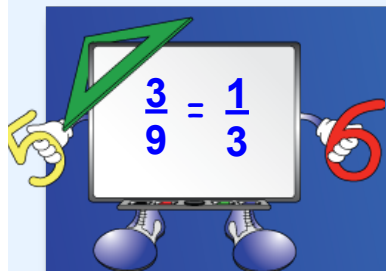




You will need to get  
a white board,  
marker, and eraser!

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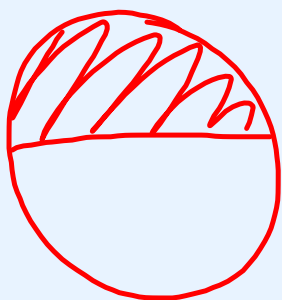
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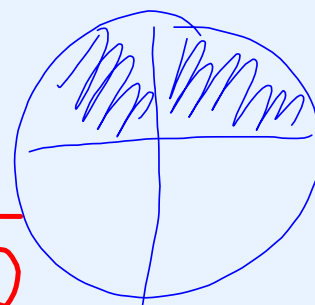
## Warm Up

Willie Dove Sped

Draw a picture of  
the fraction



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



$$\begin{array}{l} 2: 1, 2 \\ 4: 1, 2, 4 \end{array}$$

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$$24: 1, 2, 3, 4, 8, 6, 12, 24$$

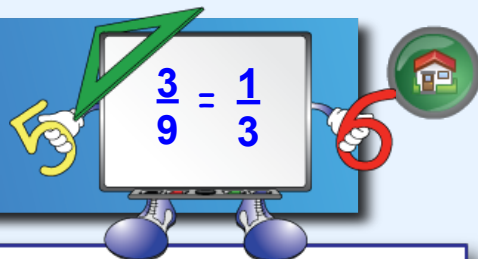


You will be using  
your factors chart to  
help you with  
reducing fractions

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How do you write a fraction  
in its simplest form?



### Important Terms to Know

(Click Next to each term to reveal the definition)

common factor

GCF

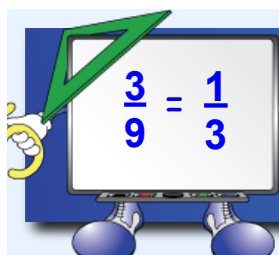
simplest form

↓  
reduce


a factor that two or more  
numbers have in common

a fraction in which the numerator  
and denominator have no common  
factors other than 1





# Simplest Form

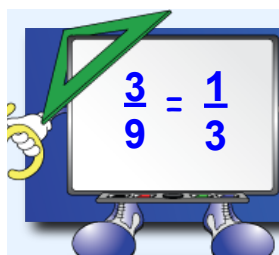


Write  $\frac{6}{24}$  in simplest form.

6 1, 2, 3, 6   
24 1, 2, 3, 4, 6, 8, 12, 24  
*Circle the GCF*


$\frac{6 \div 6}{24 \div 6} = \frac{1}{4}$

What is the GCF of 6 and 24?



$\frac{3}{9} = \frac{1}{3}$

# Simplest Form



Write  $\frac{9}{15}$  in simplest form.

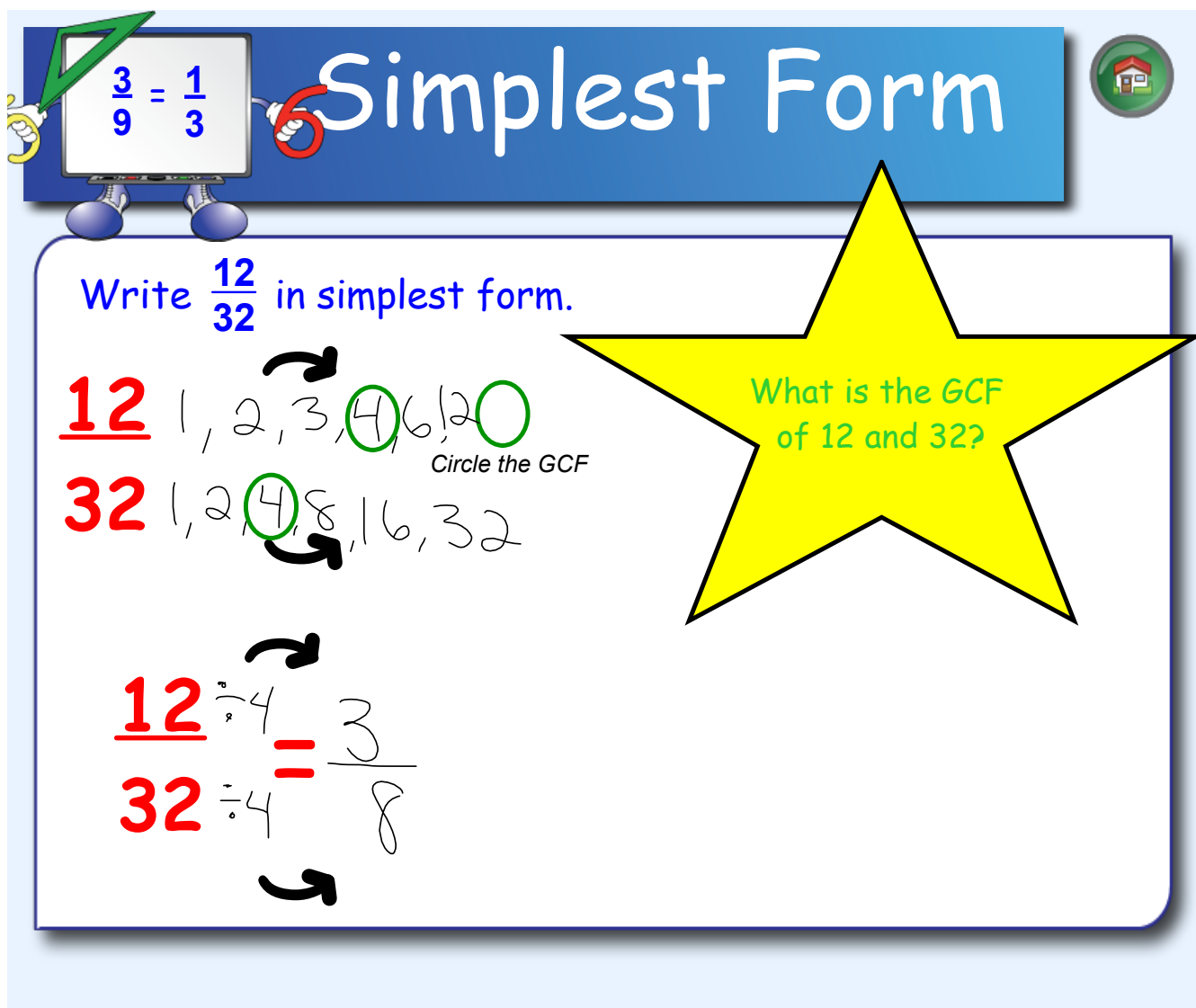
9 1, 3, 9

15 1, 3, 5, 15

○  
Circle the GCF

What is the GCF of 9 and 15?

$\frac{9 \div 3}{15 \div 3} = \frac{3}{5}$



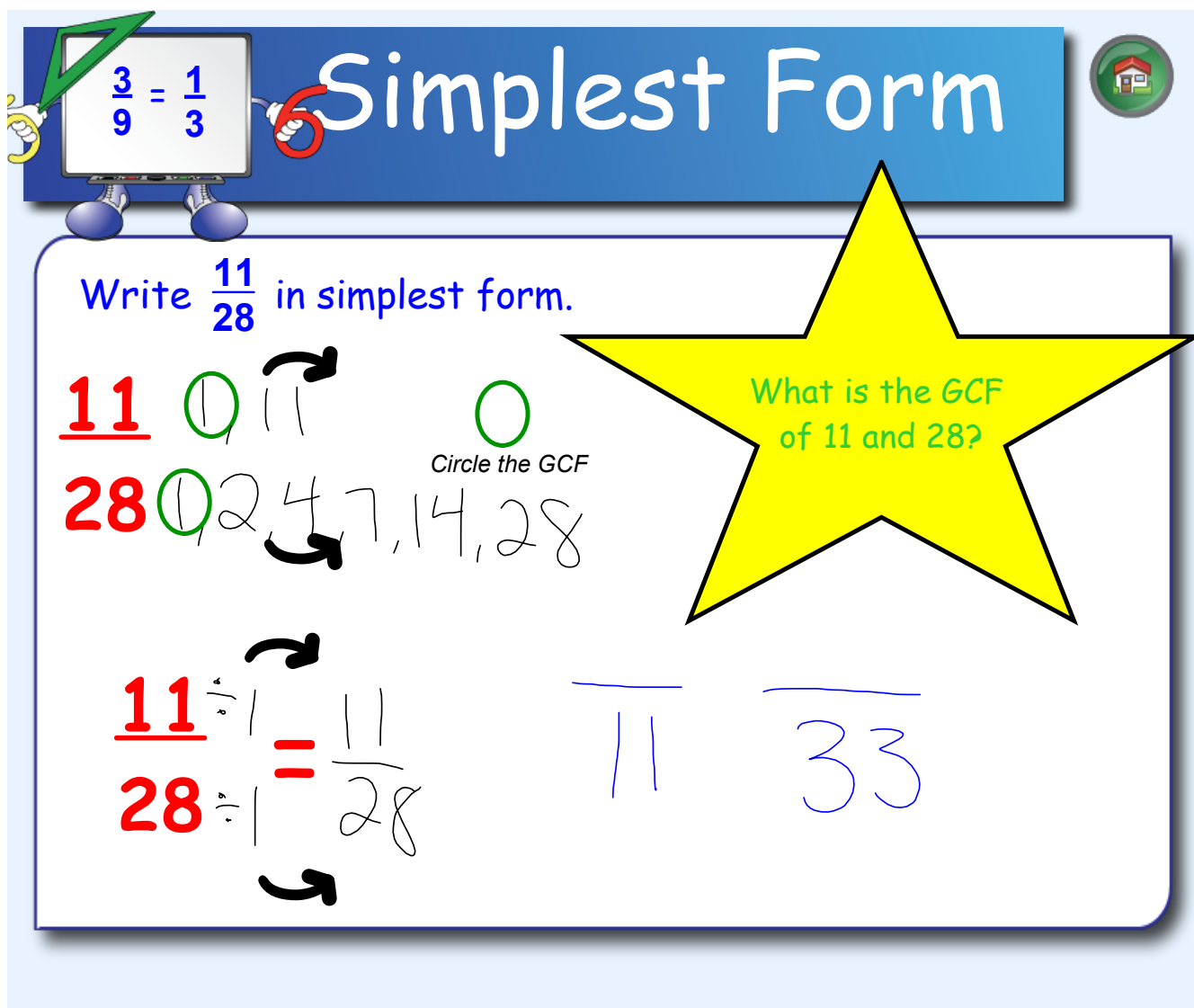
**Simplest Form**

Write  $\frac{12}{32}$  in simplest form.

**12** 1, 2, 3, 4, 6, 12  
**32** 1, 2, 4, 8, 16, 32  
*Circle the GCF*

$\frac{12}{32} \div 4 = \frac{3}{8}$

What is the GCF of 12 and 32?



**Simplest Form**

Write  $\frac{11}{28}$  in simplest form.

11  $\bigcirc$  11

28  $\bigcirc$  2, 4, 7, 14, 28

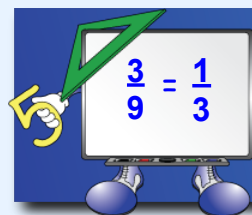
Circle the GCF

$\frac{11}{28} = \frac{11}{28}$

$\frac{11}{28}$

What is the GCF of 11 and 28?





6

## Simplify the Fraction



Match each blue fraction with its matching reduced fraction in red

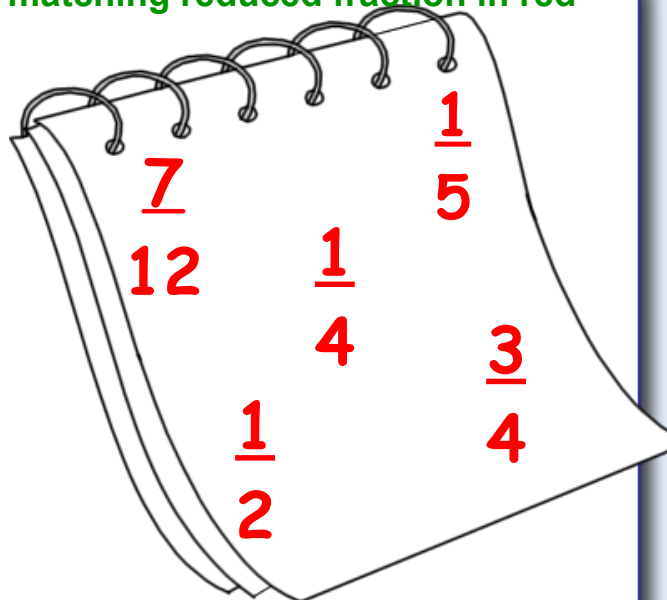
$$\frac{3}{12}$$

$$\frac{2}{10}$$

$$\frac{12}{16}$$

$$\frac{7}{12}$$

$$\frac{4}{8}$$




$\frac{3}{9} = \frac{1}{3}$

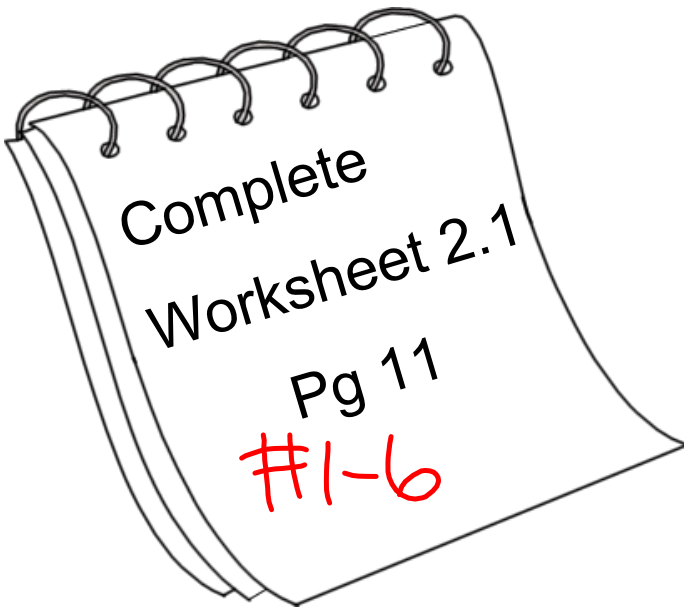
6 Simplify the Fraction

$\frac{3}{12}$   $\frac{2}{10}$   $\frac{12}{16}$   $\frac{8}{12}$   $\frac{4}{8}$   $\frac{1}{2}$

$\frac{7}{12} = \frac{7}{12}$



$\frac{3}{9} = \frac{1}{3}$  6 Simplify the Fraction



Complete  
Worksheet 2.1  
Pg 11  
#1-6

