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# Shortcuts for Multiplication Facts

Please visit [themeasuredmom.com](https://www.themeasuredmom.com) to learn how to use this printable:

<https://www.themeasuredmom.com/the-best-order-for-teaching-multiplication-facts/>

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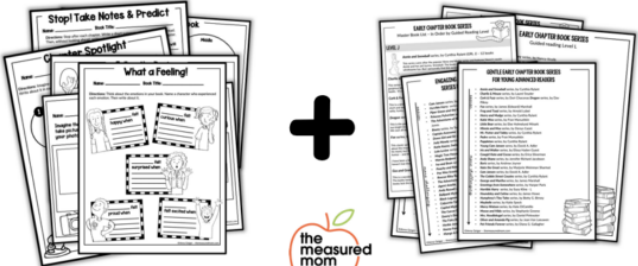
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## READING RESPONSE SHEETS

for grades 1-3



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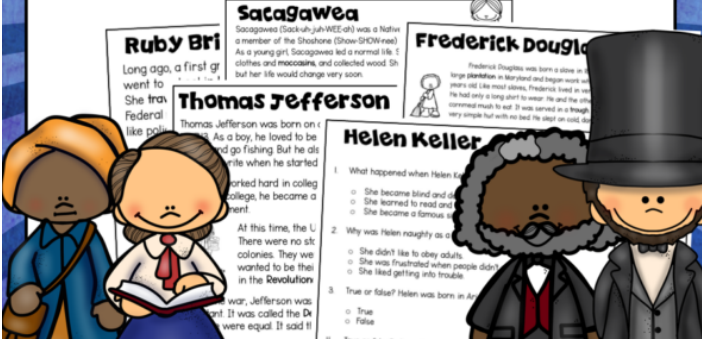


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## READING COMPREHENSION

Passages with Text-Based Questions

### Famous People



**Sacagawea**  
Sacagawea (Sakaw,juh-WEH-oh) was a Native member of the Shoshone (Shaw-SHOW-neh) As a young girl, Sacagawea led a normal life. She wore traditional Shoshone clothing, including dresses and moccasins, and collected wood. She but her life would change very soon.

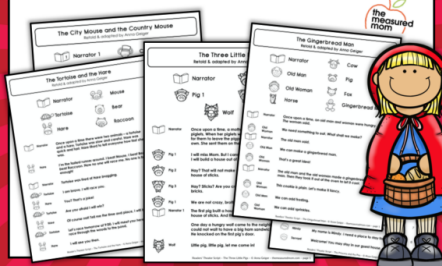
**Frederick Douglass**  
Frederick Douglass was born a slave in a large plantation in Maryland and began work at a young age. Like most slaves, Frederick had to work long hours and was not allowed to read or write. He had only a long shirt to wear. He and the other slaves worked hard to earn money. It was earned in a very simple but with no lead the light on cold days.

**Thomas Jefferson**  
Thomas Jefferson was born on an plantation. As a boy, he loved to be outdoors and go fishing. But he also liked to read. He became a writer when he started college, he became a president.

**Helen Keller**  
1. What happened when Helen was born?  
 She became blind and deaf.  
 She learned to read and write.  
 She became a famous author.  
 2. Why was Helen naughty as a child?  
 She didn't like to obey adults.  
 She was frustrated when people didn't understand her.  
 She liked getting into trouble.  
 3. True or false? Helen was born in Alabama.  
 True  
 False  
 4. True or false? Anne Sullivan was Helen's teacher.  
 True  
 False

## READER'S THEATER SCRIPTS

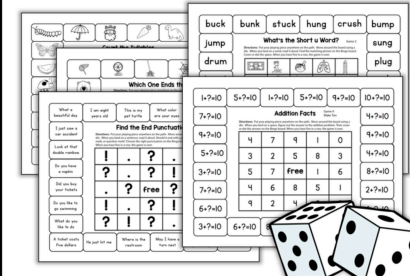
10 FAVORITE TALES FOR GRADES 1-3



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## NO-PREP MATH & LITERACY GAMES

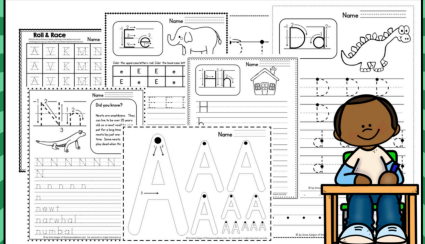
120 GAMES STUDENTS CAN PLAY ALONE OR IN PAIRS



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## HANDWRITING WORKSHEETS

GIANT BUNDLE OF 330 WORKSHEETS



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You can get it here: <https://get.adobe.com/reader/>



# How to Use

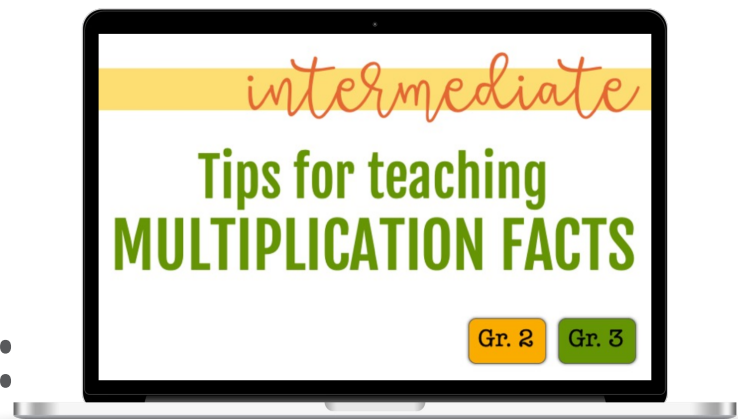
When teaching students multiplication, teach the foundational facts first (2's, 10's, 5's, 1's, and 0's). Use their knowledge of those facts to teach strategies for learning the other facts. The following chart will be a helpful reference.

The chart is part of the following mini-course, which contains these lessons:

- Do's and don'ts for teaching multiplication facts
- 4 models of multiplication
- Properties of multiplication
- A recommended order for teaching the facts
- Strategies for learning multiplication facts
- Games for math fact fluency

To learn more ...

Check out this  
mini-course on The  
Measured Mom® Plus:



<https://membership.themeasuredmom.com/courses/tips-for-teaching-multiplication-facts/>

# SHORTCUTS FOR MULTIPLICATION FACTS

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<b>x 0</b>	The product is always zero.	$5 \times 0 = 0$	
<b>x 1</b>	It's just that number!	$8 \times 1 = 8$	
<b>x 2</b>	Double it.	$5 \times 2 = ?$ $5 + 5 = 10$ , so $5 \times 2 = 10$	
<b>x 3</b>	Double it and add <u>one more group</u> .	$6 \times 3 = ?$ $6 + 6 = 12$ $12 + 6 = 18$ $6 \times 3 = 18$	
<b>x 4</b>	Double and <u>double again</u> .	$3 \times 4 = ?$ $3 + 3 = 6$ $6 + 6 = 12$ , so $3 \times 4 = 12$	
<b>x 5</b>	Count by 5's that many times.	$7 \times 5 = ?$ Count by 5's seven times. 5, 10, 15, 20, 25, 30, 35. $7 \times 5 = 35$	
<b>x 6</b>	Multiply by 5 and add <u>one more group</u> .	$4 \times 6 = ?$ $4 \times 5 = 20$ $20 + 4 = 24$ , so $4 \times 6 = 24$	
<b>x 7</b>	Multiply by 5 and <u>add a double</u> .	$8 \times 7 = ?$ $8 \times 5 = 40$ $40 + 16 = 56$	
<b>x 8</b>	Double, double, and double.	$3 \times 8 = ?$ $3 + 3 = 6$ $6 + 6 = 12$ $12 + 12 = 24$ , so $3 \times 8 = 24$	
<b>x 9</b>	Multiply by 10, and subtract <u>one group</u> - OR - Start your answer with <i>one less</i> than the number. The second digit is the number that will make the sum of the digits equal 9.	$8 \times 9 = ?$ $8 \times 10 = 80$ $80 - 8 = 72$ , so $8 \times 9 = 72$	$8 \times 9 = ?$ Start with 8 - 1. 7 ___ $7 + 2 = 9$ , so $8 \times 9 = 72$
<b>x 10</b>	Write the factor, and add 0.	$7 \times 10 = 70$	
<b>x 11</b>	For numbers 1-10, write the number twice - OR - Multiply by 10, and <u>add a group</u> .	$5 \times 11 = 55$	$5 \times 11 = ?$ $5 \times 10 = 50$ $50 + 5 = 55$ , so $5 \times 11 = 55$
<b>x 12</b>	Multiply by 10, and <u>add a double</u> .	$4 \times 12 = ?$ $4 \times 10 = 40$ $40 + 8 = 48$ , so $4 \times 12 = 48$	