

# Long Division Riddle

LONG DIVISION Name: \_\_\_\_\_  
 Directions: Solve the division problems. Use your answer and the given chart to decode the joke. Show your work.

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## LONG DIVISION

Name: \_\_\_\_\_

Directions: Solve the division problems. Use your answer and the given chart to decode the joke. Show your work.



What do you call a blind dinosaur?

Y H S  
 1 6 4 12 5 7 2 8 13 10 15 9 14 11 3

R	E	D	I	S	U	D	O	A
17 R2	56 R5	33	183 R2	113	14 R5	53 R2	45 R2	48
N	K	S	I	R	A	A	T	U
24 R1	16	27	34 R2	24	16 R4	45 R3	17 R1	56 R4
M	U	O	R	E	S	U	J	H
24	53 R3	48 R3	27 R1	54 R2	164 R1	133	55 R4	164

1.)  $132 \div 4$

2.)  $73 \div 3$

3.)  $452 \div 4$

Letter:

Letter:

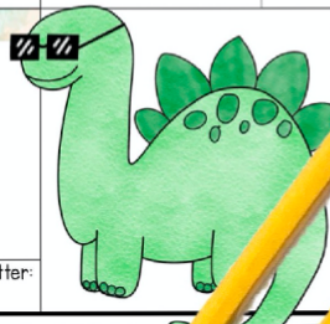
Letter:

4.)  $272 \div 6$

5.)  $86 \div 5$

Letter:

Letter:

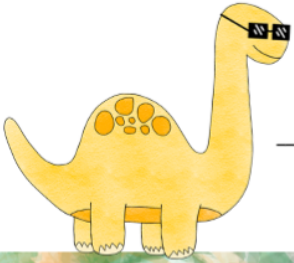


M  
A  
T  
H

# LONG DIVISION

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17 R2	56 R5	33	183 R2	113	14 R5	53 R2	45 R2	48
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24 R1	16	27	34 R2	24	16 R4	45 R3	17 R1	56 R4
M	U	O	R	E	S	U	J	H
24	53 R3	48 R3	27 R1	54 R2	164 R1	133	55 R4	164

1.)  $132 \div 4$

Letter:

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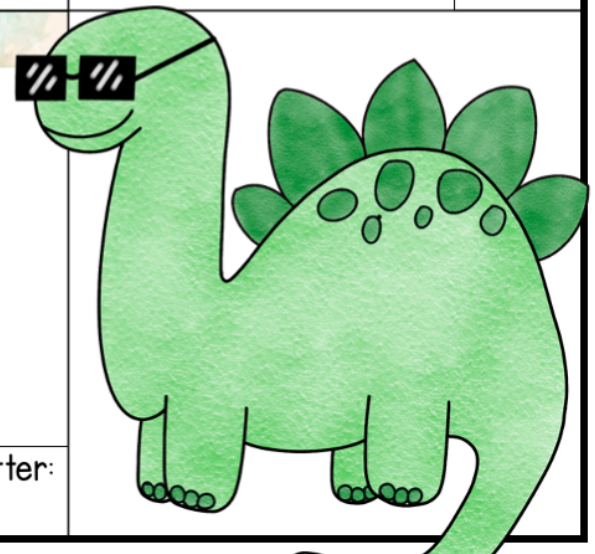
Letter:

4.)  $272 \div 6$

Letter:

5.)  $86 \div 5$

Letter:





$6.) 195 \div 4$

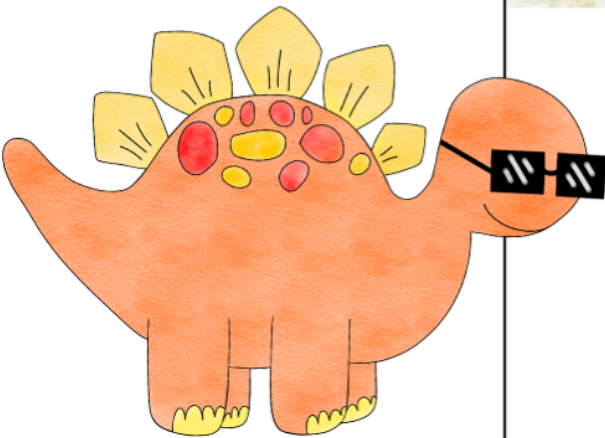
Letter:

$7.) 551 \div 3$

Letter:

$8.) 144 \div 9$

Letter:



$9.) 215 \div 4$

Letter:

$10.) 164 \div 3$

Letter:

$11.) 452 \div 8$

Letter:

$12.) 103 \div 7$

Letter:

$13.) 328 \div 2$

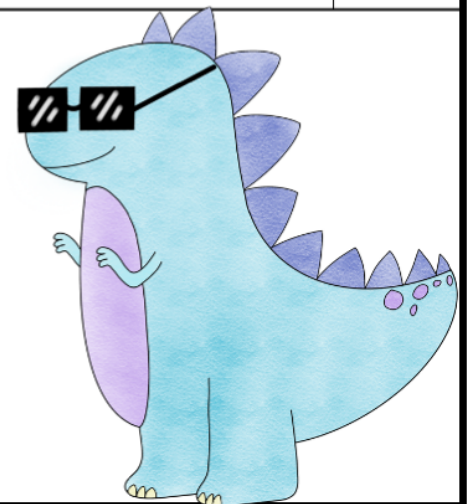
Letter:

$14.) 82 \div 3$

Letter:

$15.) 148 \div 9$

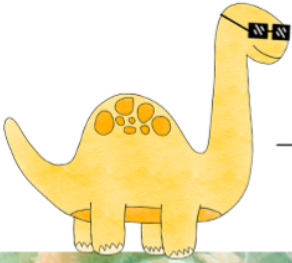
Letter:



# LONG DIVISION

Name: **KEY**

Directions: Solve the division problems. Use your answer and the given chart to decode the joke. Show your work!



What do you call a blind dinosaur?

D O - Y O U - T H I N K - H E - S A U R U S  
 1 6            4 12    5            7 2 8    13 10            15 9 14 11 3

R	E	D	I	S	U	D	O	A
17 R2	56 R5	33	183 R2	113	14 R5	53 R2	45 R2	48
N	K	S	I	R	A	A	T	U
24 R1	16	27	34 R2	24	16 R4	45 R3	17 R1	56 R4
M	U	O	R	E	S	U	J	H
24	53 R3	48 R3	27 R1	54 R2	164 R1	133	55 R4	164

1.)  $132 \div 4 = 33$

$$\begin{array}{r} 33 \\ 4 \overline{) 132} \\ \underline{-12} \downarrow \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

Letter:  
D

2.)  $73 \div 3 = 24 \text{ R}1$

$$\begin{array}{r} 24 \text{ R}1 \\ 3 \overline{) 73} \\ \underline{-6} \downarrow \\ 13 \\ \underline{-12} \\ 1 \end{array}$$

Letter:  
N

3.)  $452 \div 4 = 113$

$$\begin{array}{r} 113 \\ 4 \overline{) 452} \\ \underline{-4} \downarrow \\ 05 \\ \underline{-4} \downarrow \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

Letter:  
S

4.)  $272 \div 6 = 45 \text{ R}2$

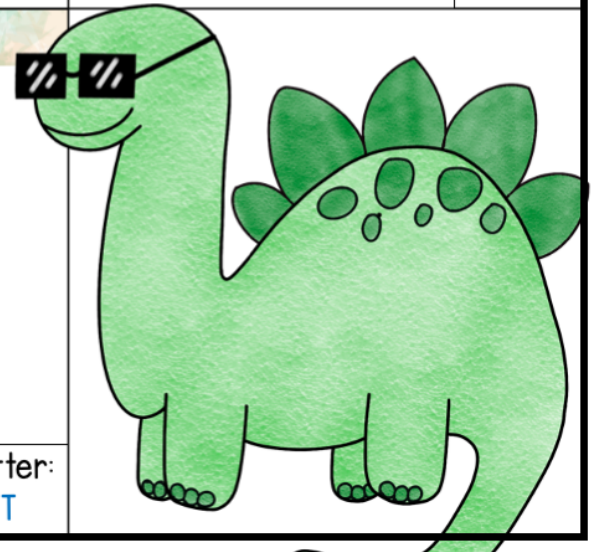
$$\begin{array}{r} 45 \text{ R}2 \\ 6 \overline{) 272} \\ \underline{-24} \downarrow \\ 32 \\ \underline{-30} \\ 2 \end{array}$$

Letter:  
O

5.)  $86 \div 5 = 17 \text{ R}1$

$$\begin{array}{r} 17 \text{ R}1 \\ 5 \overline{) 86} \\ \underline{-5} \downarrow \\ 36 \\ \underline{-35} \\ 1 \end{array}$$

Letter:  
T



$6.) 195 \div 4 = 48 \text{ R}3$

$$\begin{array}{r}
 48 \text{ R}3 \\
 4 \overline{) 195} \\
 \underline{-16} \downarrow \\
 35 \\
 \underline{-32} \\
 3
 \end{array}$$

Letter:  
O

$7.) 551 \div 3 = 183 \text{ R}2$

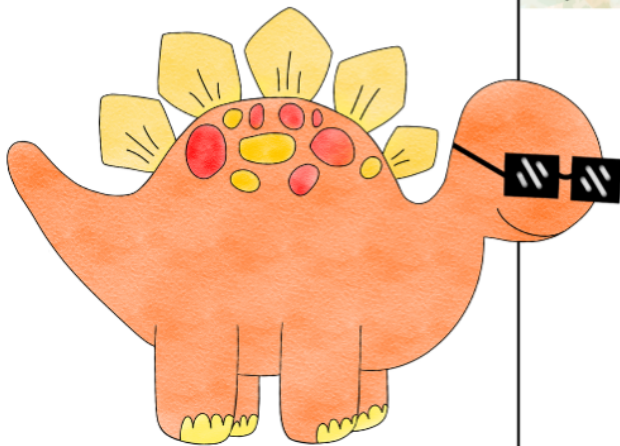
$$\begin{array}{r}
 183 \text{ R}2 \\
 3 \overline{) 551} \\
 \underline{-3} \downarrow \\
 25 \\
 \underline{-24} \downarrow \\
 11 \\
 \underline{-9} \\
 2
 \end{array}$$

Letter:  
I

$8.) 144 \div 9 = 16$

$$\begin{array}{r}
 16 \\
 9 \overline{) 144} \\
 \underline{-9} \downarrow \\
 54 \\
 \underline{-54} \\
 0
 \end{array}$$

Letter:  
K



$9.) 215 \div 4 = 53 \text{ R}3$

$$\begin{array}{r}
 53 \text{ R}3 \\
 4 \overline{) 215} \\
 \underline{-20} \downarrow \\
 15 \\
 \underline{-12} \\
 3
 \end{array}$$

Letter:  
U

$10.) 164 \div 3 = 54 \text{ R}2$

$$\begin{array}{r}
 54 \text{ R}2 \\
 3 \overline{) 164} \\
 \underline{-15} \downarrow \\
 14 \\
 \underline{-12} \\
 2
 \end{array}$$

Letter:  
E

$11.) 452 \div 8 = 56 \text{ R}4$

$$\begin{array}{r}
 56 \text{ R}4 \\
 8 \overline{) 452} \\
 \underline{-40} \downarrow \\
 52 \\
 \underline{-48} \\
 4
 \end{array}$$

Letter:  
U

$12.) 103 \div 7 = 14 \text{ R}5$

$$\begin{array}{r}
 14 \text{ R}5 \\
 7 \overline{) 103} \\
 \underline{-7} \downarrow \\
 33 \\
 \underline{-28} \\
 5
 \end{array}$$

Letter:  
U

$13.) 328 \div 2 = 164$

$$\begin{array}{r}
 164 \\
 2 \overline{) 328} \\
 \underline{-2} \downarrow \\
 12 \\
 \underline{-12} \downarrow \\
 08 \\
 \underline{-8} \\
 0
 \end{array}$$

Letter:  
H

$14.) 82 \div 3 = 27 \text{ R}1$

$$\begin{array}{r}
 27 \text{ R}1 \\
 3 \overline{) 82} \\
 \underline{-6} \downarrow \\
 22 \\
 \underline{-21} \\
 1
 \end{array}$$

Letter:  
R

$15.) 148 \div 9 = 16 \text{ R}4$

$$\begin{array}{r}
 16 \text{ R}4 \\
 9 \overline{) 148} \\
 \underline{-9} \downarrow \\
 58 \\
 \underline{-54} \\
 4
 \end{array}$$

Letter:  
A

