Place Value Scoot Game

MAFS.4.NBT.1.1 Fluency Activity 1

Scoot is a fun game that gets students moving!

Print, laminate, and cut out the Scoot cards. Spread the cards out amongst the students' desks. Students will scoot from desk to desk as you call out "scoot" (be sure to establish the path for rotation before beginning). Give each student a recording sheet. They will solve each problem and record its answer in the correct box on their recording sheet. Once students have made their way around all the desks, you may consider going over the answers as a whole group.

Scoot Cards

A

Tommy wrote the number 45,358. How many times greater is the 5 in the thousands place, than the 5 in the tens place?

B

How many times greater is the value of the 7 in 700 than the value of the 7 in 70?

C

Write two different numbers. One number with the digit 6 in the ten thousands place and one number with the digit 6 in the hundreds place. How does the value of the 6 in the ten thousands place compare to the value of the 6 in the hundreds place?

D

An expression is shown. 800 ÷ 80 What is the value of the expression?

E

What basic fact could you use to find the product of 30 x 4? Find the product.

F

How many times larger is the value 3,500 than 350?

G

Why does 9,324 have a different value than 9,234? Explain how you know your answer is correct.

H

How many times greater is the value of the 7 in 6,770 than the value of the 7 in 670?

I

Write the place value position and the value of the digit 6 in each of the following numbers:

a) 1,345,672   b) 23,036,810   c) 4,609,804

J

Fill in the blanks to make these equations true:

$$80 \div 8 = \underline{\hspace{2cm}}$$

$$340 \div 34 = \underline{\hspace{2cm}}$$

$$2,100 = 210 \times \underline{\hspace{2cm}}$$

K

There are two 5's in the number 355,609. Lisa says the 5 on the left is 100 times greater than the 5 on the right. Is Lisa correct? Explain how you know.

L

How much greater is the digit eight in 684 than the digit eight in 648?

M

Jessica wrote the numbers 264,301 and 48,210. In which number does the digit 4 have the least value? Explain your thinking.

N

4630×10=

O

There are two 3's in the number 1,453,308. Lisa says the 3 on the right is 10 times less than the 3 on the right. Is Lisa correct? Explain how you know.

P

How are 42 and 24 different?

Q

Fill in the correct numbers.

The digit 2 in _____ has 10 times the value of 2 in _____.

3,291   4,325   2,806

R

The hundreds digit in 143,298 has 10 times the value of the _____ digit in 891,432.

S

Colin wrote the numbers 147,809 and 78,210. In which number does the 7 have the greatest value? Explain your thinking.

T

Look at the number 109.

Make a new number, so the value of 9 is 10 times greater than the value of the 9 in 109.

U

Since 1,000 is 100 tens, 8,000 is _____ tens.

V

<u>True or False:</u>
The product of 77 and 1000 has 7 ten thousands, 0 thousands, 0 hundreds, and 0 ones.

W

The 7 in _____ has 10 times the value of 7 in _____.

79,526   48,721   17,038

X

Look at the number 675.

Make a new number, so the value of 6 is 100 times greater than the value of the 6 in 675.

Y

What basic fact could you use to find the product of 80 x 60? Find the product.

Z

How much greater is the digit five in 5,823 than the digit eight in 253?

Name _____

Place Value Scoot

A	B	C	D
E	F	G	H
I	J	K	L
M	N	O	P
Q	R	S	T
U	V	W	X
Y	Z		