

Place Value Memory

You will need: a partner, place value memory cards

1. Shuffle the place value memory cards and put them face down in six rows of four.
2. Player A: Flip over two cards. If the cards are equal, justify how you know and keep the cards. If the cards are not equal, put the cards back where they were.
3. Player B: Repeat step 2.
4. Continue play until all cards have been matched. The player with the most cards wins!

$$\boxed{8} = \boxed{\frac{1}{10} \text{ of } 80}$$

Place Value Memory Cards, set 1

5.NBT.1

$\frac{1}{10}$ of 600

60

A number
that is 10
times greater
than 60

600

A number
that is 100
times greater
than 6

600

$\frac{1}{10}$ the value
of 0.6

0.06

A number
that is 1,000
times greater
than 6

6,000

$\frac{1}{10}$ of the
value of 60

6

Place Value Memory Cards, set 1

5.NBT.1

$\frac{1}{100}$ of 6

0.06

A number
that is 10
times greater
than 0.6

6

$\frac{1}{10}$ of 6

0.6

A number
that is 10
times greater
than 600

6,000

$\frac{1}{10}$ of 6,000

600

A number
that is 10
times greater
than 0.06

0.6

Place Value Memory Cards, set 2

5.NBT.1

$\frac{1}{10}$ of 400

40

A number
that is 10
times greater
than 20

200

A number
that is 100
times greater
than 90

9,000

$\frac{1}{10}$ the value
of 0.9

0.09

A number
that is 1,000
times greater
than 6

6,000

$\frac{1}{10}$ of the
value of 50

5

Place Value Memory Cards, set 2

5.NBT.1

$\frac{1}{100}$ of 7

0.07

A number
that is 10
times greater
than 0.40

4

$\frac{1}{10}$ of 3

0.3

A number
that is 10
times greater
than 900

9,000

$\frac{1}{10}$ of 7,000

700

A number
that is 10
times greater
than 0.08

0.8