

PLACE VALUE GAME SHOW

PATTERNS	STANDARD FORM	EXPANDED FORM	WORD FORM	POWERS OF 10
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

5TH GRADE

PLACE VALUE

GAME SHOW

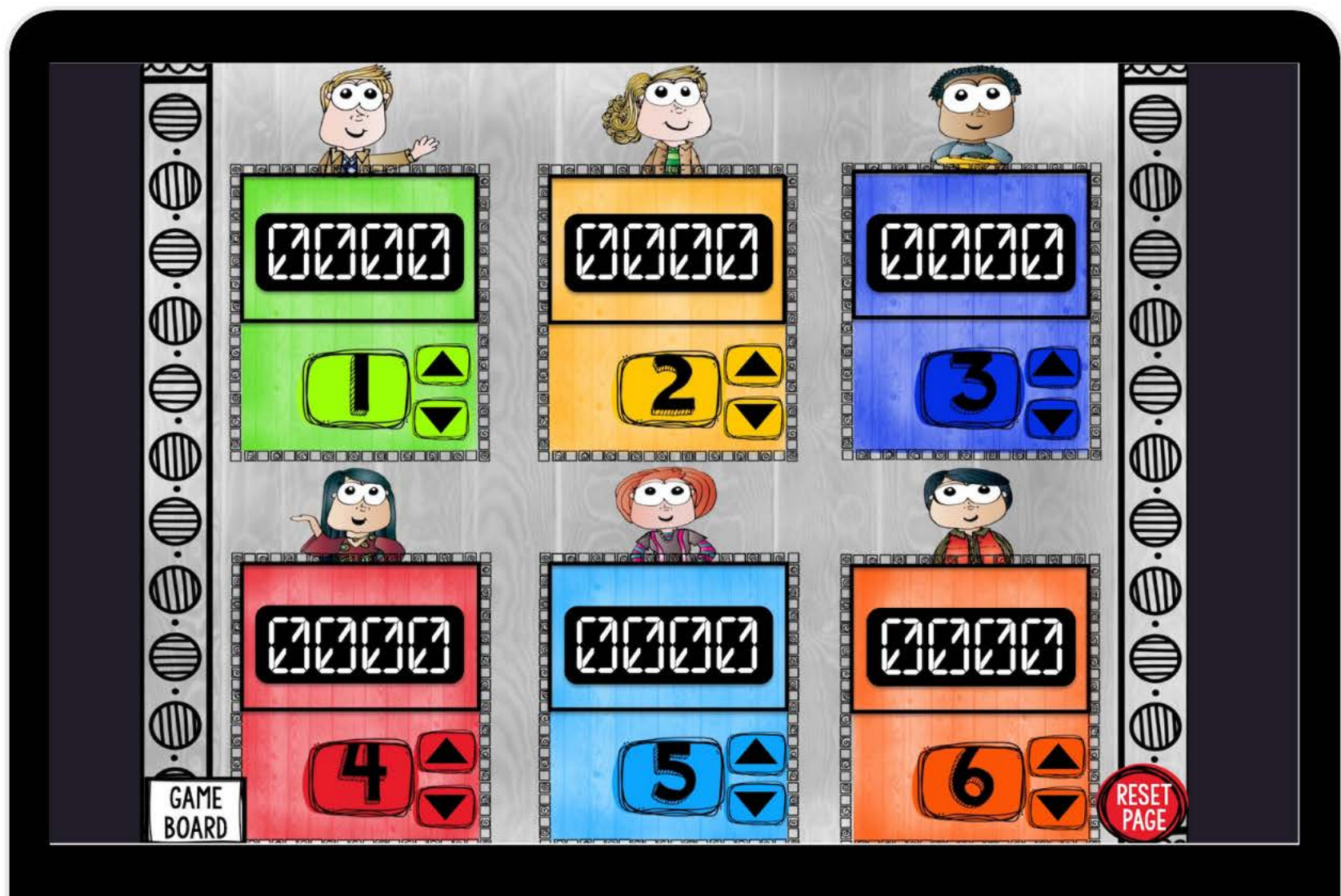
RESET PAGE



SELF-CHECKING | NO PREP

WORKING SCOREBOARD

The scoreboard works **ONLY** in the PowerPoint version. Google Slides, unfortunately, does not have the same capabilities so you will need to track the scores on that version.



INTERACTIVE GAMEBOARD

The point values only disappear after used on the Powerpoint version. Google Slides, unfortunately, does not have the same capabilities so you will need to keep track with the included question tracker.

PATTERNS	STANDARD FORM	EXPANDED FORM	WORD FORM	POWERS OF 10
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

PLACE VALUE **GAME SHOW** **RESET PAGE**

CATEGORY 1: PATTERNS

Students are given questions where they need to use patterns to determine whether the value of one digit is $1/10$ or 10 times the value of another digit.

800
is 10 times as much as
what number?



PATTERNS FOR 100

SCOREBOARD

ANSWER

GAME BOARD

10,000
is $1/10$ of what number?



PATTERNS FOR 200

SCOREBOARD

ANSWER

GAME BOARD

Complete the sentence with
100 or 1,000.

600 is _____ times as
much as 6.



PATTERNS FOR 300

SCOREBOARD

ANSWER

GAME BOARD

Complete the sentence with
100 or 1,000.

5,000 is _____ times as
much as 5.



PATTERNS FOR 400

SCOREBOARD

ANSWER

GAME BOARD

The local restaurant has 50
tables in it. On Monday night,
they had reservations for $1/10$
of their tables. How many
tables did they have reserved
for Monday night?



PATTERNS FOR 500

SCOREBOARD

ANSWER

GAME BOARD

CATEGORY 2: STANDARD FORM

Students are given numbers in word form or expanded form and they must write the same number in standard form.

Write the following number in standard form.

two million, ten thousand, forty-two



STANDARD FORM FOR 100

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in standard form.

$$(2 \times 100,000) + (5 \times 1,000) + (4 \times 100) + (8 \times 1)$$



STANDARD FORM FOR 200

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in standard form.

One hundred fourteen thousand, six hundred six



STANDARD FORM FOR 300

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in standard form.

$$(5 \times 1,000,000) + (3 \times 10,000) + (7 \times 1,000) + (6 \times 10)$$



STANDARD FORM FOR 400

SCOREBOARD

ANSWER

GAME BOARD

The population of the United states is about three hundred twenty-one million, five hundred twenty-two thousand. Write the population in standard form.



STANDARD FORM FOR 500

SCOREBOARD

ANSWER

GAME BOARD

CATEGORY 3: EXPANDED FORM

Students are given numbers in word form or standard form and they must write the same number in expanded form.

Write the number below in expanded form.

345,670



EXPANDED FORM FOR 100

SCOREBOARD

ANSWER

GAME BOARD

Write the number below in expanded form.

456,961



EXPANDED FORM FOR 200

SCOREBOARD

ANSWER

GAME BOARD

Write the number below in expanded form.

2,340,065



EXPANDED FORM FOR 300

SCOREBOARD

ANSWER

GAME BOARD

There are 1,589,362 species of plants and animals in the world. Write this number in expanded form.



EXPANDED FORM FOR 400

SCOREBOARD

ANSWER

GAME BOARD

The population of 10-14-year old children in 2012 was 20,605,000. Write this number in expanded form.



EXPANDED FORM FOR 500

SCOREBOARD

ANSWER

GAME BOARD

CATEGORY 4: WORD FORM

Students are given numbers in standard form or expanded form and they must write the same number in word form.

Write the following number in word form.

129



WORD FORM FOR 100

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in word form.

23,709



WORD FORM FOR 200

SCOREBOARD

ANSWER

GAME BOARD

The distance around the Earth 40,075 kilometers. Write that distance in word form.



WORD FORM FOR 300

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in word form.

300,550



WORD FORM FOR 400

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in word form.

3,769,651



WORD FORM FOR 500

SCOREBOARD

ANSWER

GAME BOARD

CATEGORY 5: POWERS OF 10

Students will solve a variety of problems using the powers of 10.

Write the following number in exponent form.

$$10 \times 10 \times 10 \times 10 \times 10$$



POWERS OF 10 FOR 100

SCOREBOARD

ANSWER

GAME BOARD

Write the following number in word form.

$$10^3$$



POWERS OF 10 FOR 200

SCOREBOARD

ANSWER

GAME BOARD

Find the value of the expression below.

$$7 \times 10^4$$



POWERS OF 10 FOR 300

SCOREBOARD

ANSWER

GAME BOARD

Find the value of the expression below.

$$(5 \times 5) \times 10^6$$



POWERS OF 10 FOR 400

SCOREBOARD

ANSWER

GAME BOARD

The nearby amusement park had $(6 \times 4) \times 10^2$ visitors on Saturday. How many people visited the amusement park on Saturday?



POWERS OF 10 FOR 500

SCOREBOARD

ANSWER

GAME BOARD

ANSWER SLIDES BUILT IN

Questions are all linked to their corresponding answer slides in both versions.

80



PATTERNS FOR 100

SCOREBOARD

GAME BOARD

205,408



STANDARD FORM FOR 200

SCOREBOARD

GAME BOARD

$$(2 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (6 \times 10) + (5 \times 1)$$

or

$$2,000,000 + 300,000 + 40,000 + 60 + 5$$



EXPANDED FORM FOR 300

SCOREBOARD

GAME BOARD

Three hundred thousand, five hundred fifty



WORD FORM FOR 400

SCOREBOARD

GAME BOARD

2,400 people



POWERS OF 10 FOR 500

SCOREBOARD

GAME BOARD

INCLUDES:

- ✓ POWERPOINT + GOOGLE SLIDES™
- ✓ INTERACTIVE & LINKED FOR EASY GAMEPLAY
- ✓ ANSWER KEY BUILT INTO GAME
- ✓ ENGAGING AND SUPER FUN
- ✓ REVIEW OF KEY CONTENT AND SKILLS
- ✓ TEACHER MANUAL
- ✓ EMAIL SUPPORT

**STUDENTS
WILL BE BEGGING
TO PLAY!**

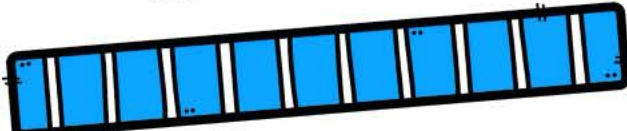


Just Play-NO Prep

**JUST OPEN THE
GAME AND PLAY!
PERFECT FOR WHOLE GROUP
OR STATION WORK!**

Complete the sentence with
100 or 1,000.

5,000 is _____ times as
much as 5.

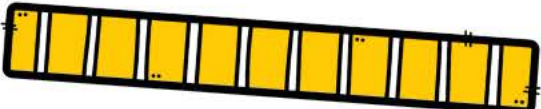


PATTERNS FOR 400

ANSWER

GAME BOARD

The distance around the
earth 40,075 kilometers.
Write that distance in
word form.




WORD FORM FOR 300

ANSWER

GAME BOARD

Write the following number in standard form.

$$(5 \times 1,000,000) +$$
$$(3 \times 10,000) +$$
$$(7 \times 1,000) + (6 \times 10)$$


STANDARD FORM FOR 400

ANSWER

GAME BOARD



"MY STUDENTS WERE SO EXCITED TO PLAY THIS GAME! THEY LOVED THE INTERACTIVE ELEMENT OF IT AND FORGOT THAT THEY WERE DOING MATH BECAUSE THEY WERE HAVING SO MUCH FUN. I AM LOOKING FORWARD TO USING THIS AGAIN SOON!"



"THIS IS JUST FABULOUS! I AM SO EXCITED TO USE THIS WITH MY STUDENTS THIS YEAR! THEY WILL LOVE IT!"