FACTORS & MULTIPLES
GAME SHOW

4.OA.4

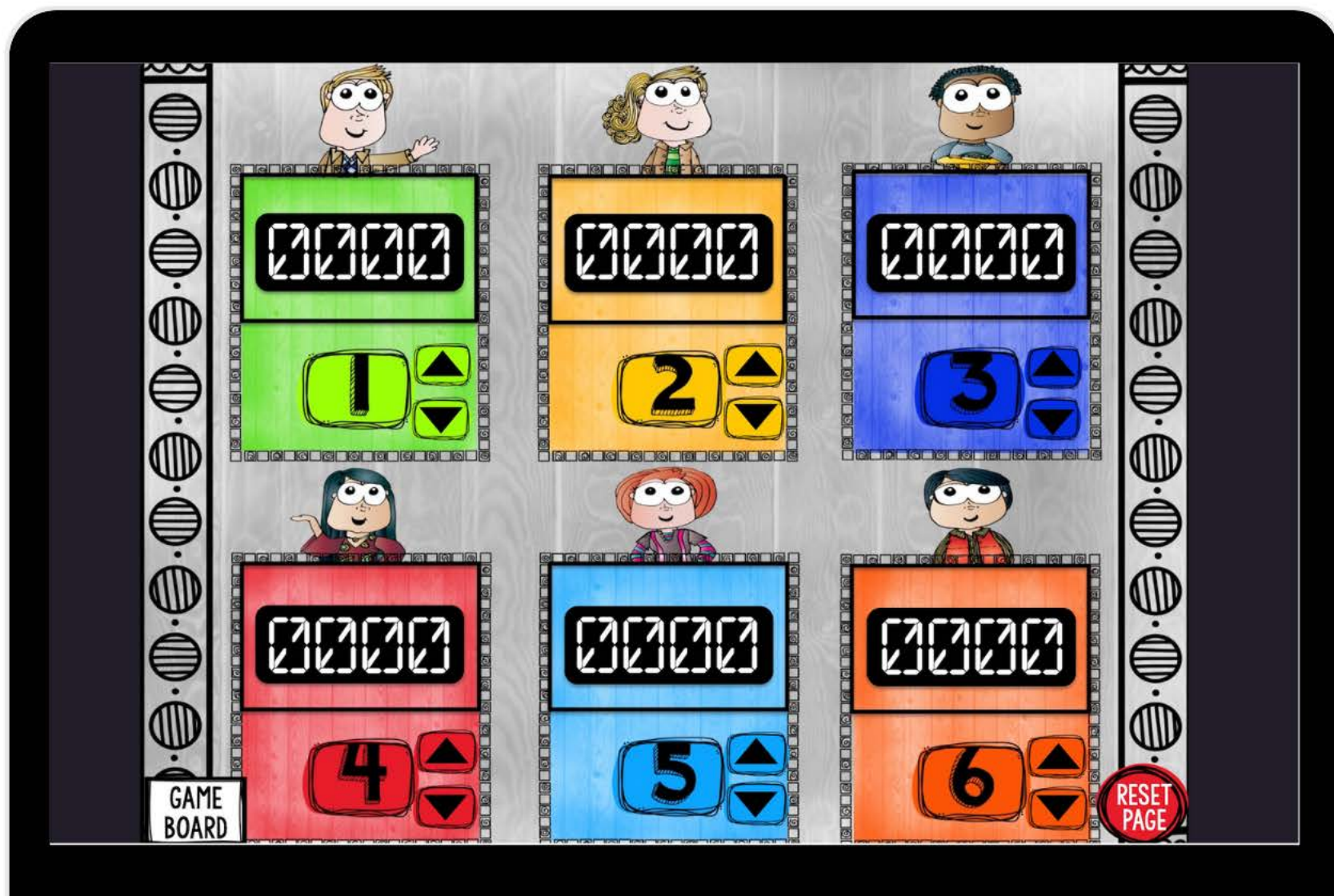| FACTOR PAIRS	MULTIPLES	PRIME OR COMPOSITE?	MODELS	WORD PROBLEMS
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

FACTORS & MULTIPLES 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.

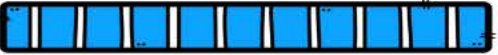| FACTOR PAIRS	MULTIPLES	PRIME OR COMPOSITE?	MODELS	WORD PROBLEMS
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

FACTORS & MULTIPLES GAME SHOW RESET PAGE

Students are given a variety of computation addition problems they must solve.

List all the factor pairs for the number below.

28

FACTOR PAIRS FOR 200

| SCOREBOARD | ANSWER | GAME BOARD |

List all the factor pairs for the number below.

15

FACTOR PAIRS FOR 100

| SCOREBOARD | ANSWER | GAME BOARD |

List all the factor pairs for the number below.

41

FACTOR PAIRS FOR 300

| SCOREBOARD | ANSWER | GAME BOARD |

List all the factor pairs for the number below.

56

FACTOR PAIRS FOR 400

| SCOREBOARD | ANSWER | GAME BOARD |

List all the factor pairs for the number below.

72

FACTOR PAIRS FOR 500

| SCOREBOARD | ANSWER | GAME BOARD |

CATEGORY 2: MULTIPLES

Students are given two multiples and they must determine whether one number is a multiple of the other.

Is the number below a multiple of 4?

44

MULTIPLES FOR 200

| SCOREBOARD | ANSWER | GAME BOARD |

Is the number below a multiple of 3?

37

MULTIPLES FOR 100

| SCOREBOARD | ANSWER | GAME BOARD |

Is the number below a multiple of 5?

120

MULTIPLES FOR 300

| SCOREBOARD | ANSWER | GAME BOARD |

Is the number below a multiple of 7?

83

MULTIPLES FOR 400

| SCOREBOARD | ANSWER | GAME BOARD |

Is the number below a multiple of 3?

51

MULTIPLES FOR 500

| SCOREBOARD | ANSWER | GAME BOARD |

CATEGORY 3: THIS OR THAT?

Students are given a number and they must determine whether the given number is prime or composite (this or that?).

Determine whether the number below is prime or composite.

42

THIS OR THAT?
Prime   Composite

PRIME OR COMPOSITE? FOR 100

SCOREBOARD   ANSWER   GAME BOARD

Determine whether the number below is prime or composite.

57

THIS OR THAT?
Prime   Composite

PRIME OR COMPOSITE? FOR 200

SCOREBOARD   ANSWER   GAME BOARD

Determine whether the number below is prime or composite.

67

THIS OR THAT?
Prime   Composite

PRIME OR COMPOSITE? FOR 300

SCOREBOARD   ANSWER   GAME BOARD

Determine whether the number below is prime or composite.

39

THIS OR THAT?
Prime   Composite

PRIME OR COMPOSITE? FOR 400

SCOREBOARD   ANSWER   GAME BOARD

Determine whether the number below is prime or composite.

93

THIS OR THAT?
Prime   Composite

PRIME OR COMPOSITE? FOR 500

SCOREBOARD   ANSWER   GAME BOARD

CATEGORY 4: MODELS

Students are given an array and they must determine the factor pair that is being represented.

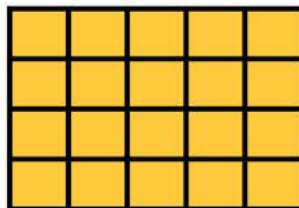Determine the factor pair being represented by the model below.

MODELS FOR 100

SCOREBOARD   ANSWER   GAME BOARD

Determine the factor pair being represented by the model below.

MODELS FOR 200

SCOREBOARD   ANSWER   GAME BOARD

Determine the factor pair being represented by the model below.

MODELS FOR 300

SCOREBOARD   ANSWER   GAME BOARD

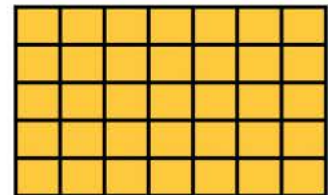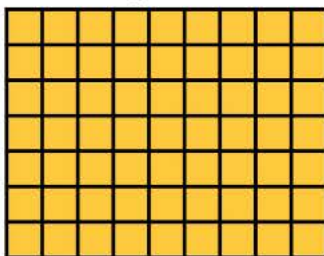Determine the factor pair being represented by the model below.
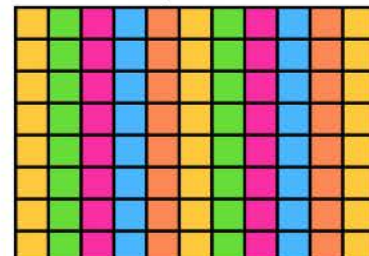
MODELS FOR 400

SCOREBOARD   ANSWER   GAME BOARD

Determine the factor pair being represented by the model below.

MODELS FOR 500

SCOREBOARD   ANSWER   GAME BOARD

CATEGORY 5: WORD PROBLEMS

Students are given a variety of word problems featuring any of the skills above.

Solve the problem below.

Samantha was decorating her room. She arranged 63 books on her bookcase with the same number of books on each shelf. State all possibilities for the number of shelves her bookcase could have.

WORD PROBLEMS FOR 100

SCOREBOARD   ANSWER   GAME BOARD

Solve the problem below.

Kelvin works at a party store. He will put 45 balloons into bunches with no balloons left over. He put the same number of balloons in each bunch, and the number of balloons in each bunch was greater than 1 but less than 10. How many balloons could be in each bunch?

WORD PROBLEMS FOR 200

SCOREBOARD   ANSWER   GAME BOARD

Solve the problem below.

Kendra bought some shirts for $6 each. Nancy bought some shirts for $8 each. The girls spent the same amount of money on shirts. What is the least amount they could have spent?

WORD PROBLEMS FOR 300

SCOREBOARD   ANSWER   GAME BOARD

Solve the problem below.

Liam uses 1 piece of paper and 1 sticker to make a paper airplane. The paper comes in packs of 3 pieces and the stickers come in packs of 4 stickers. What is the least number of airplanes Liam can make without any supplies left over?

WORD PROBLEMS FOR 400

SCOREBOARD   ANSWER   GAME BOARD

Solve the problem below.

Noel wrote the following riddle for his class to solve. "I am a number between 30 and 60. My ones digit is three less than my tens digit. I am a prime number."

What number is Noel describing?

WORD PROBLEMS FOR 500

SCOREBOARD   ANSWER   GAME BOARD

ANSWER SLIDES BUILT IN

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

List all the factor pairs for the number below.

- 1×15
- 3×5

FACTOR PAIRS FOR 100

SCOREBOARD   GAME BOARD

Is the number below a multiple of 4?

YES

MULTIPLES FOR 200

SCOREBOARD   GAME BOARD

Determine whether the number below is prime or composite.

67

THIS Prime

PRIME OR COMPOSITE? FOR 300

SCOREBOARD   GAME BOARD

Determine the factor pair being represented by the model below.

$7 \times 9 = 63$

MODELS FOR 400

SCOREBOARD   GAME BOARD

Solve the problem below.

41

WORD PROBLEMS 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!

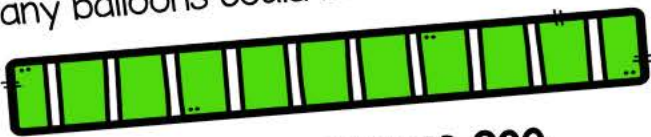TEXT STRUCTURE SHOW

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6	OVERVIEW	13	TIPS & TRICKS
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8	QUICK START GUIDE	15	THANK YOU

Just Play-No Prep

JUST OPEN THE GAME AND PLAY!

PERFECT FOR WHOLE GROUP OR STATION WORK!

Solve the problem below.

Kelvin works at a party store. He will put 45 balloons into bunches with no balloons left over. He put the same number of balloons in each bunch, and the number of balloons in each bunch was greater than 1 but less than 10. How many balloons could be in each bunch?

WORD PROBLEMS FOR 200

ANSWER   GAME BOARD

Determine the factor pair being represented by the model below.

MODELS FOR 500

ARD   ANSW

Determine whether the number below is prime or composite.

42

THIS OR THAT?

Prime   Composite

PRIME OR COMPOSITE? FOR 100   GAME BOARD