

SUMMER SCHOOL
MATH BLACK LINE MASTERS

3RD GRADE

SESSION 1

CERES UNIFIED SCHOOL DISTRICT
EDUCATIONAL OPTIONS DEPARTMENT

Three-Digit Windows

Goal: _____ Digits: _____, _____, _____

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_____ + _____ + _____ = _____

Goal: _____ Digits: _____, _____, _____

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_____ + _____ + _____ = _____

Goal: _____ Digits: _____, _____, _____

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_____ + _____ + _____ = _____

Goal: _____ Digits: _____, _____, _____

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_____ + _____ + _____ = _____

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Four-Digit Windows

Goal: _____ Digits: _____, _____, _____, _____

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_____ + _____ + _____ + _____ = _____

Goal: _____ Digits: _____, _____, _____, _____

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_____ + _____ + _____ + _____ = _____

Goal: _____ Digits: _____, _____, _____, _____

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_____ + _____ + _____ + _____ = _____

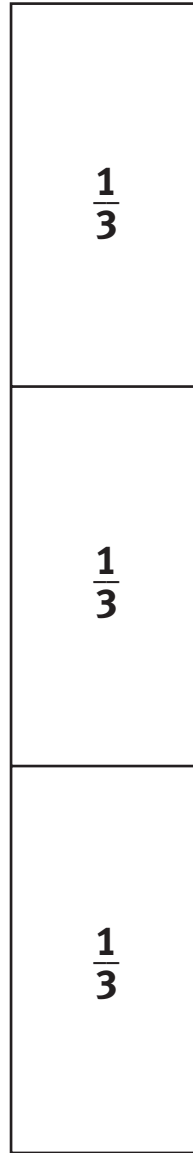
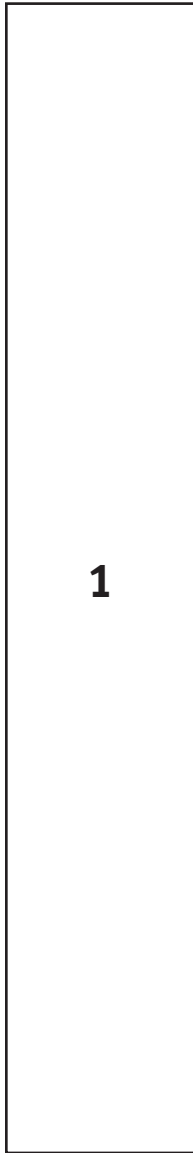
Goal: _____ Digits: _____, _____, _____, _____

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_____ + _____ + _____ + _____ = _____

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Fraction Bars



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Fraction Bars (continued)

$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$

$\frac{1}{6}$
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Trade List

Cut in half before class. Give one list to each student in each pair.

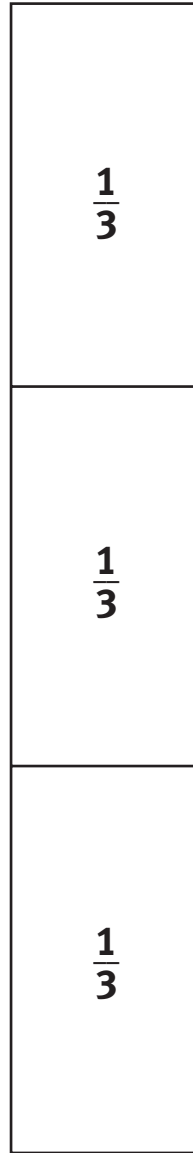
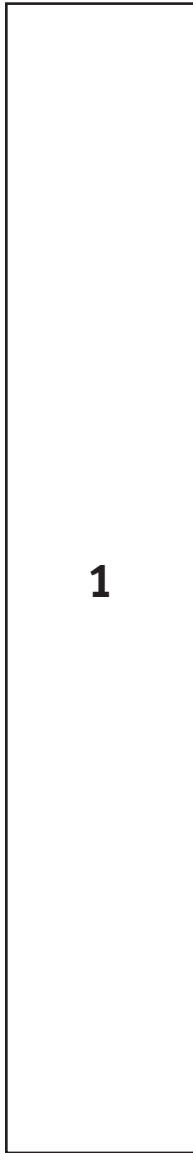
Partner A Trade . . .

1. . . . $\frac{1}{2}$ of the whole
2. . . . $\frac{1}{2}$ of the whole
3. . . . three $\frac{1}{6}$'s of the whole
4. . . . six $\frac{1}{12}$'s of the whole
5. . . . six $\frac{1}{12}$'s of the whole
6. . . . two $\frac{1}{5}$'s of the whole
7. . . . two $\frac{1}{6}$'s of the whole
8. . . . all of any size piece you now have and tell me the total amount of each piece

Partner B Trade . . .

1. . . . two $\frac{1}{4}$'s of the whole
2. . . . four $\frac{1}{8}$'s of the whole
3. . . . five $\frac{1}{10}$'s of the whole
4. . . . four $\frac{1}{8}$'s of the whole
5. . . . two $\frac{1}{4}$'s of the whole
6. . . . four $\frac{1}{10}$'s of the whole
7. . . . $\frac{1}{3}$ of the whole
8. . . . all of any other size piece you now have and tell me the total amount of each piece

Fraction Bars



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Fraction Bars (continued)

$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$
$\frac{1}{5}$

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Comparing Fractions



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Fractions and Decimals

Draw a line to match each decimal with its equivalent fraction.

0.4

$\frac{2}{10}$

0.7

$\frac{5}{10}$

0.5

$\frac{6}{10}$

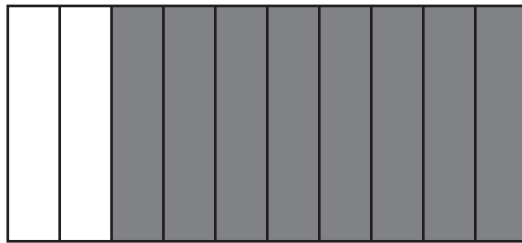
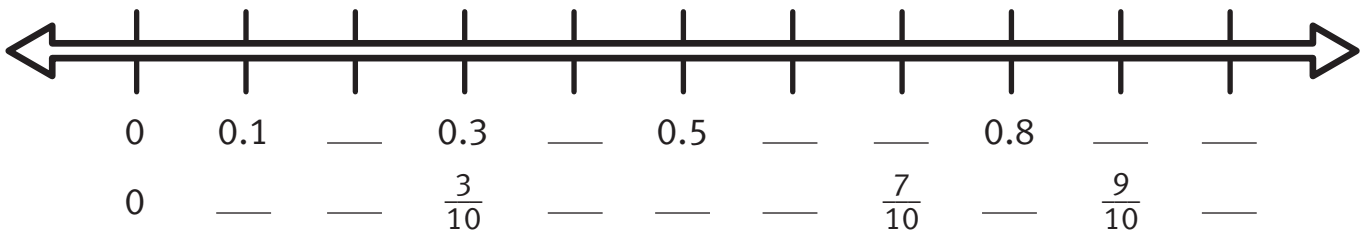
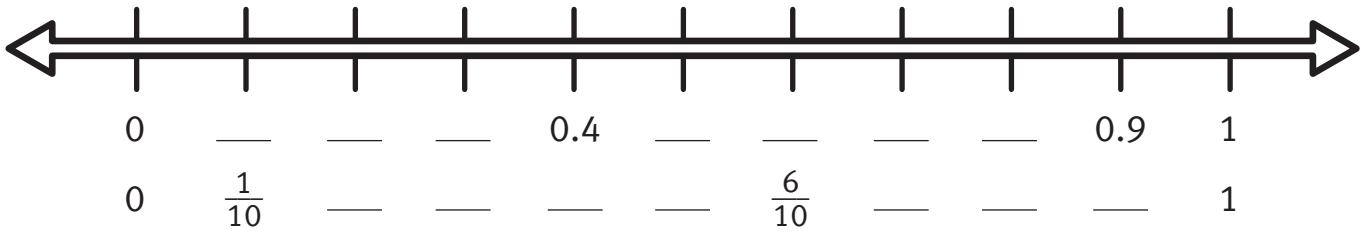
0.6

$\frac{7}{10}$

0.2

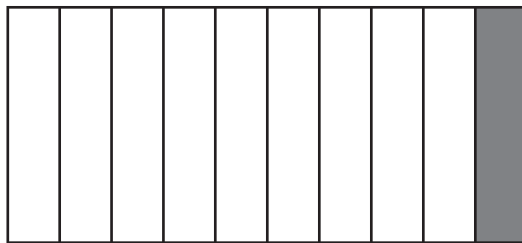
$\frac{4}{10}$

Decimal Number Lines



Decimal = _____

Fraction = _____



Decimal = _____

Fraction = _____

Base Ten Money

Find the amount of money shown in each problem. Write the expanded sentence that gives the amount of money, and then write the standard form, using dollar and cent notation.

1. 

_____ tens + _____ ones + _____ dimes + _____ pennies = \$ _____ . _____

2. 

_____ tens + _____ ones + _____ dimes + _____ pennies = \$ _____ . _____

3. 

_____ tens + _____ ones + _____ dimes + _____ pennies = \$ _____ . _____

4. 

_____ tens + _____ ones + _____ dimes + _____ pennies = \$ _____ . _____

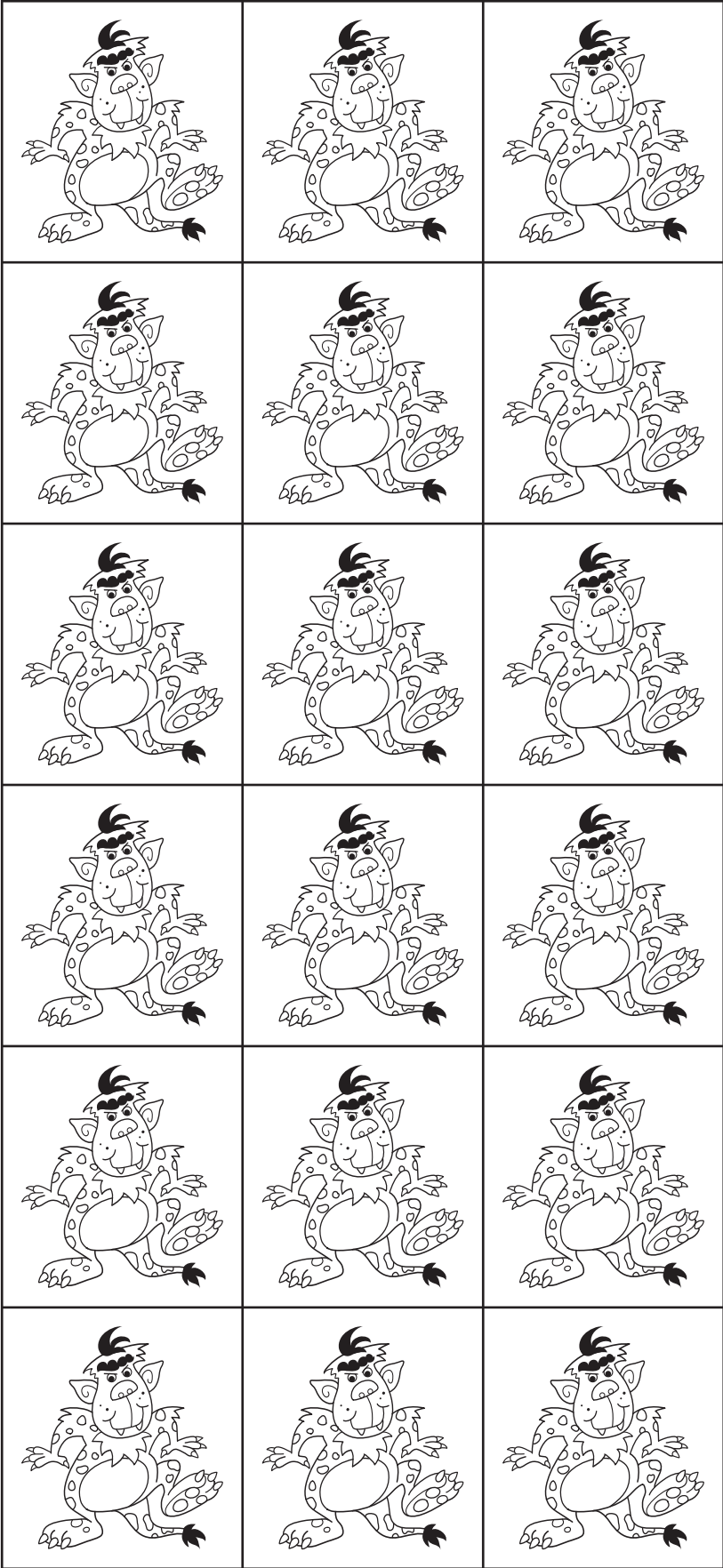
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Money Construction Mat

\$10 Bills	\$1 Bills	Dimes	Pennies

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Monster Cards



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Number Construction Mat

Hundreds	Tens	Ones

Number Recording Mat

Thousands	Hundreds	Tens	Ones

Number in expanded form:

_____ thousands + _____ hundreds + _____ tens + _____ ones

Number in standard form: _____

Thousands	Hundreds	Tens	Ones

Number in expanded form:

_____ thousands + _____ hundreds + _____ tens + _____ ones

Number in standard form: _____

Thousands	Hundreds	Tens	Ones

Number in expanded form:

_____ thousands + _____ hundreds + _____ tens + _____ ones

Number in standard form: _____

Thousands	Hundreds	Tens	Ones

Number in expanded form:

_____ thousands + _____ hundreds + _____ tens + _____ ones

Number in standard form: _____

B6 Level F • Blackline Master

What Number Am I?

Clue Set A

- I am close to the middle of the number line.
- I am somewhere between 40 and 50.
- One of my neighbors is 42.
- I come 2 numbers before 45.
- I am 2 more than 41.
- If you are on house 40 and you go forward 3 more houses, you will land on me.
- I am 4 blocks and 3 houses away from the beginning of the number line.

Clue Set B

- I am close to the end of the number line.
- I am somewhere between 85 and 95.
- I am the last house on my block.
- One of my neighbors is 91.
- I come 4 houses before 94.
- If you are on house 81 and you go forward 9 more houses, you will land on me.

Clue Set C

- I come somewhere in the first 2 blocks of the number line.
- I come after 10.
- One of my neighbors is 14.
- I come 10 numbers before 23.
- If you are on house 9 and move forward 4 houses, you will land on me.
- I am 1 block and 3 houses from the beginning of the number line.



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