## Area & Perimeter

for 3<sup>rd</sup> grade

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### Finding the Perimeter & Area The perimeter is the distance

around the outside of the shape.

The **CreC** is the amount of square units to fill a shape.



I can understand that one way to measure plane shapes is by the area they have.

I can understand that a "unit square" is a square with side lengths of I unit and it is used to measure the area of plane shapes.

I can cover a plane shape with square units to measure its area.

I can measure areas by counting unit squares (square cm, square m, square in, square ft.).

I can understand area by thinking about multiplication and addition.

I can find the area of a rectangle using square tiles and also by multiplying the two side lengths.

l can solve real world problems about area using multiplication.

I can use models to show that the area of a rectangle can be found by using the distributive property (side lengths a and btc is the sum of a x b and a x c).

I can find the area of a shape by breaking it down into smaller shapes and then adding those areas to find the total area.

I can solve real world math problems using what I know about how to find the perimeter of shapes.

#### I can understand perimeter.

## Find the perimeter of each figure.

# Find the dred of each figure.







| L<br>Finc | hrec <sup>®</sup> | tions:<br>are | : Coi<br>ea | mpl<br>p | ete _<br>erim | tc<br>eter | ISK CO<br>(cira | irds.<br>cle one | e) |
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| Directions: C | omplete <u> </u> tasl | cards.       |
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| Find the area | perimeter             | (circle one) |
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Name:

| item measured | perimeter of item<br>measured |
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Directions: Make a shape that has an area of 12 square units and a perimeter of 16 units.

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|   | ľ     | The p<br>The      | berime<br>e area                      | eter is _<br>is                           |                           | •                         | •     |



| Directions: Make a shape using your crackers. Draw your shape below. |
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| The perimeter is<br>The area is                                      |



When you break a rectangle into two smaller rectangles, the area of the large rectangle is equal to the sum of the area of the two small rectangles.

















Name: Name: Exit Ticket Exit Ticket On the back. On the back. draw a draw a rectangle. Label rectangle. Label the lengths and the lengths and sides. Calculate sides. Calculate the perimeter. the perimeter. The perimeter is: The perimeter is: Name: Name: Exit Ticket Exit Ticket On the back, On the back, draw a draw a rectangle. Label rectangle. Label the lengths and the lengths and sides. Calculate sides. Calculate the perimeter. the perimeter. The perimeter is: The perimeter is:

| Name:  | Name:  |
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| Exit Ticket  | Exit Ticket  |
| On the back,<br>draw a<br>rectangle. Label<br>the lengths and<br>sides. Calculate<br>the area.   | On the back,<br>draw a<br>rectangle. Label<br>the lengths and<br>sides. Calculate<br>the area.   |
| The area is:   | The area is:   |
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| <br>Name:  | Name:  |
| Name:<br>Exit Ticket   | Name:<br>Exit Ticket   |
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