

Relate Perimeter and Area

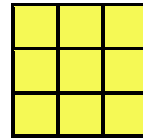
3.MD.C.6: Measure areas by counting unit squares.

Look at each figure below. Make a rectangle with the same perimeter but a different area.

1.



2.



For each pair below, find the perimeter and the area. Circle the figure that has the greater area.

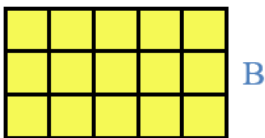
3.



A

Figure A: Area _____

Perimeter _____

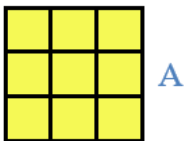


B

Figure B: Area _____

Perimeter _____

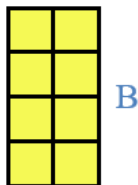
4.



A

Figure A: Area _____

Perimeter _____

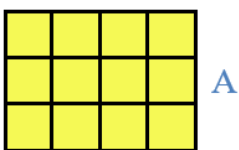


B

Figure B: Area _____

Perimeter _____

5.



A

Figure A: Area _____

Perimeter _____



B

Figure B: Area _____

Perimeter _____

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Answer Key

3.MD.C.6: Measure areas by counting unit squares.

Look at each figure below. Make a rectangle with the same perimeter but a different area.

1.

2.

For each pair below, find the perimeter and the area. Circle the figure that has the greater area.

3.

Figure A: Area	<u>18 sq. units</u>	Perimeter	<u>22 units</u>
Figure B: Area	<u>15 sq. units</u>	Perimeter	<u>16 units</u>

4.

Figure A: Area	<u>9 sq. units</u>	Perimeter	<u>12 units</u>
Figure B: Area	<u>8 sq. units</u>	Perimeter	<u>12 units</u>

5.

Figure A: Area	<u>12 sq. units</u>	Perimeter	<u>14 units</u>
Figure B: Area	<u>4 sq. units</u>	Perimeter	<u>10 units</u>