

Figures With the Same Area:

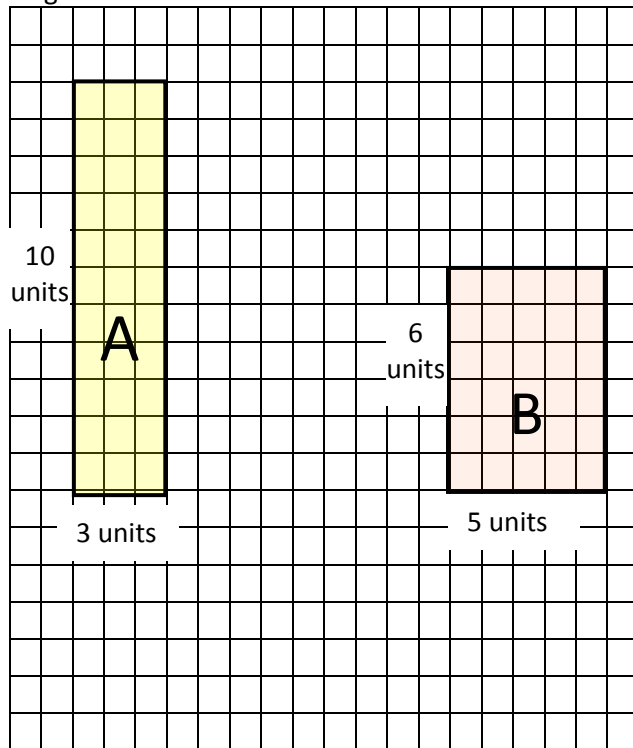


Figure A

$$A = 10 \text{ units} \times 3 \text{ units}$$

$$A = 30 \text{ units}^2$$

Figure B

$$A = 6 \text{ units} \times 5 \text{ units}$$

$$A = 30 \text{ units}^2$$

Is the perimeter of Figure A the same as the perimeter of Figure B?

Figure A

$$P = 10 \text{ units} + 10 \text{ units} + 3 \text{ units} + 3 \text{ units}$$

$$P = 26 \text{ units}$$

Figure B

$$P = 6 \text{ units} + 6 \text{ units} + 5 \text{ units} + 5 \text{ units}$$

$$P = 22 \text{ units}$$

The perimeter of Figure A and Figure B is:

Same

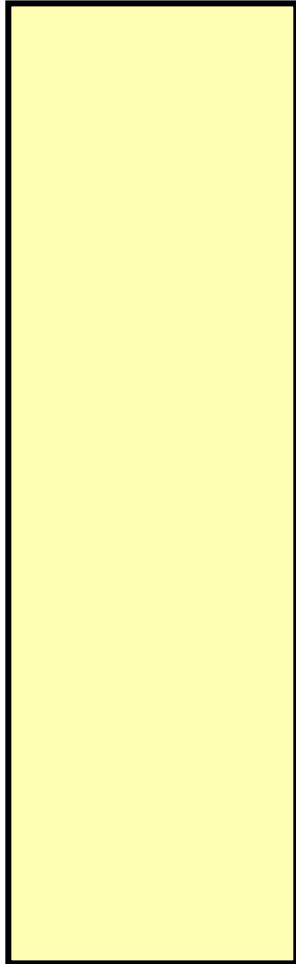
Different

The perimeter of Figure A is more/less/same as the perimeter of Figure B.

NCSC – Mathematics Lesson 1

Tactile representations of figures with the same area: cut figures out using construction paper, poster board, card board, sand paper, etc. Representations can also be cut out as templates or frames to lay over grid paper or cut out of transparencies to see grid lines.

Rectangle A



10
units

9 units

Rectangle B

