

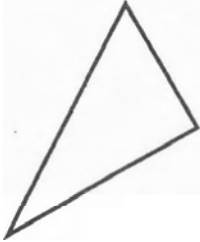

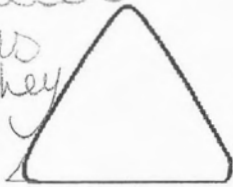

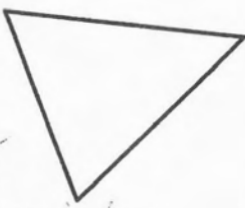
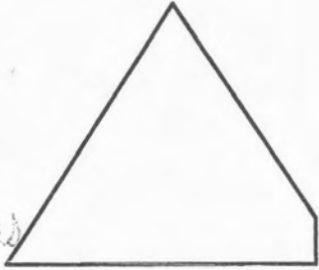
Name _____

Grade _____

8

School _____

Directions: Look at each figure in the boxes; decide if it is a triangle or not a triangle. **Circle** your answer in the box, and **explain** your thinking for each figure.

<p>Figure A</p> <p>Triangle <u>Not a Triangle</u></p> <p>Explanation: That's just not a triangle.</p> 	<p>Figure B</p> <p>Triangle <u>Not a Triangle</u></p> <p>Explanation: It is not a triangle because all 3 sides do not have a 60° angle.</p> 
<p>Figure C</p> <p>Triangle Not a Triangle</p> <p>Explanation: It is not a triangle because a triangle has 3 points and they don't curve.</p> 	<p>Figure D</p> <p>Triangle <u>Not a Triangle</u></p> <p>Explanation: No because all 3 sides are not equal.</p> 
<p>Figure E</p> <p><u>Triangle</u> Not a Triangle</p> <p>Explanation: I think that it is a triangle because it has 3 equal sides with a 60° angle.</p> 	<p>Figure F</p> <p>Triangle <u>Not a Triangle</u></p> <p>Explanation: It is not a triangle because it only has 2 equal sides.</p> 

over

J

Figure G

Triangle

Not a Triangle

Explanation:

yes, because a
sides has a
 60° angle and
are equal.

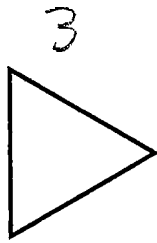


Figure H

Triangle

Not a Triangle

Explanation:

no because
it is not
a 60° angle



Figure I

Triangle

Not a Triangle

Explanation:

all 3 sides is a
 60° angle

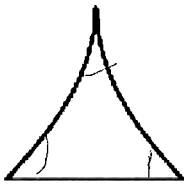


Figure J

Triangle

Not a Triangle

Explanation:

no because a 3 sides
are not a 60° angle



Figure K

Triangle

Not a Triangle

Explanation:

yes this is a
triangle because
all 3 sides are
equal

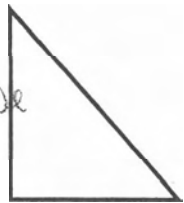


Figure L

Draw a triangle of your own in this box.

