

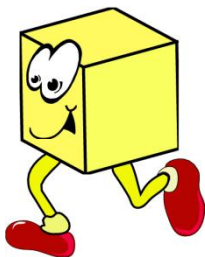
### Grade 3 – Number and Operations

M.O.3.1.9 **demonstrate** and **model** multiplication (repeated addition, arrays) and division (repeated subtraction, portioning) *Depth of Knowledge 2*

**Directions:** Read the description of Boxapede and then answer **Question 1** by filling in the circle next to the best answer.

Many unusual animals live on the planet HtmI.  
Some of them have bodies that are made of cube shapes.  
These animals grow by getting new cube shapes on each birthday.

When a baby Boxapede is born it looks like this.



It is 1 cube long and has 2 legs.

On its first birthday it has grown.  
It is 4 cubes long and has eight legs.

The Boxapede continues to grow in this way. On each birthday it gets 3 more cube shapes and 6 more legs.

**Question 1.** How long is a Boxapede when it is 10 years old?

- A 10
- B 18
- C 31
- D 80

### Grade 4 - Geometry

M.O.4.3.1 **identify, classify, compare and contrast** two-dimensional (including quadrilateral shapes) and three-dimensional geometric figures according to attributes

*Depth of Knowledge 1*

**Directions:** As part of your preparation for math field day, you were asked to complete the following chart indicating when the attribute is always true for the figure and then answer **Question 2** by filling in the circle next to the best answer.

Types of Polygons	Attributes		
	Equilateral	Equiangular	4-sided
Rectangle			
Quadrilateral			
Rhombus			
Square			

**Question 2.** Which polygon has more of the featured attributes?

- A Rectangle
- B Quadrilateral
- C Rhombus
- D Square