



Answer key for Mathematics 9-12 Ocelot

Please note – written responses should be graded by the appropriate rubrics as found on the source page.

Read about the ocelot at

<http://www.bigcatrescue.org/ocelot.htm>

A male ocelot's territory has a width of 4.5 miles. The total square mile area of this territory is 35 square miles. What would be the approximate length of this area?

- 3.5 miles
- 4.75 miles
- 8.25 miles
- 7.75 miles

Ocelots weigh approximately 17-20 pounds and stand 16-20 inches tall with lengths of 48-64 inches. Which of these sets of ratios demonstrates best these measurements?

- | |
|--|
| <ul style="list-style-type: none"><input type="radio"/> A<input checked="" type="radio"/> B<input type="radio"/> C<input type="radio"/> D |
|--|

	Weight to Height	Height to Length
A	17/18	15/64
B	18/19	20/45
C	15/25	16/48
D	25/16	48/40