

# Percent Error

Name: Key

th Grade Math

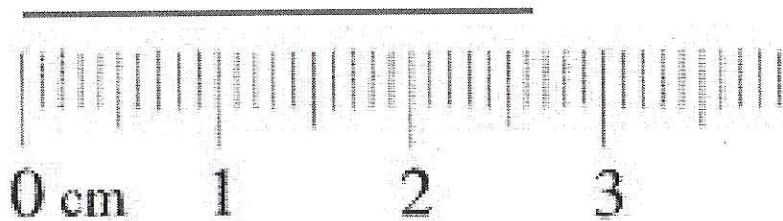
Identify the Greatest Possible Error (GPE) for each measurement below.

- |                        |                          |                        |                             |
|------------------------|--------------------------|------------------------|-----------------------------|
| 1) 14 ft<br>.5 ft      | 2) 3.4 cm<br>.05 cm      | 3) 56.38 g<br>.005 g   | 4) 17 in<br>.5 in           |
| 5) 5.12 yd<br>.005 yds | 6) 81.141 in<br>.0005 in | 7) 13.0 lbs<br>.05 lbs | 8) 0.00256 mm<br>.000005 mm |

Identify the *percent error* of each measurement

- |                      |                       |                      |                    |
|----------------------|-----------------------|----------------------|--------------------|
| 9) 21.2 cm<br>.2%    | 10) 4 in<br>12.5%     | 11) 0.10 m<br>5%     | 12) 1.111 g<br>.0% |
| 13) 2.0006 oz<br>.0% | 14) 0.0006 oz<br>8.3% | 15) 13.97 lbs<br>.0% | 16) 312 g<br>.2%   |

17) Identify the *percent error* of the line below using the ruler on this paper.



1.9%