## Inverses & Rounding
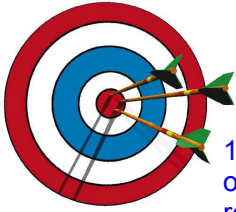
Today's Learning Targets:

1.5  I can estimate the value of an irrational number by rounding.

# Place value

## 4,567.089

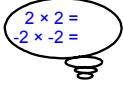Thousands
Hundreds
Tens
Ones
Tenths
Hundredths
Thousandths

## Rounding Rules, Remember this poem...

*Locate your number,*
*Look right next door,*
*5 or higher, add one more,*
*4 or lower, just ignore.*

| Round to the **tenths** place. | Round to the **hundredths** place. | Round to the **thousandths** place. |
|---|---|---|
| 491.87 | 92.458 | 362.0846 |
| 4.832 | 15.553 | 0.4721 |

**Unit 1-5**

Solve and Round to the nearest **hundredth:**

$2 \times 2 =$
$-2 \times -2 =$

$$x^2 = 50$$

*You Try!*

$$x^2 = 79$$

$$x^2 = 34$$

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$\sqrt{66}$ is between 8.12 and 8.13.
Which is it closer to _____?

$\sqrt{85}$ is between _____ and _____.
Which is it closer to _____?

*You Try!*

$\sqrt{97}$ is between _____ and _____.
Which is it closer to _____?

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Which is the best approximation for $\sqrt{3}$?

A. 1.7

B. 1.73

C. 1.74

D. 1.8

$9^2$

$\sqrt{130}$

$\sqrt{16}$