## Math 8

Our Goal: To learn to find the volume of a cone
Warm Up: Turn in your homework with your name on it, please

Today's participation measures
Handout 8.2 Practice

## Previous participation measures

- Handout 8.1 Practice
- Correct any test mistakes on a separate sheet of paper for partial credit

Find the area. Round your answer to the nearest tenth.
1.

2.

3.

4.



Go key Idea
Volume of a Cone
Words The volume $V$ of a cone is one-third the product of the area of the base and the height of the cone.


Find the volume of the cone. Round your answer to the nearest tenth.

2.
 ${ }_{2}^{27 . \pi \cdot 16} 4$
3.

4.
 $V=670.2$

$$
V=443.5
$$

Find the volume of the cone. Round your answer to the nearest tenth.


Find the height of the cone. Round your answer to the nearest tenth.


Find the volume $V$ or height $h$ of the cone. Round your answer to the nearest tenth.
1.

$V \approx$
2.


Volume $=7200 \mathrm{yd}^{3}$

Math 8 Unit 7 Section 8.2 Day 1-2
You must answer a trivia question before the sand in the timer falls to the bottom. The sand falls at a rate of 50 cubic millimeters per second. How much time do you have to answer the question?


Exit Ticket: Have students find the volume of the ice cream cone used to motivate the lesson.

