

Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 22: An Exercise in Changing Scales

### Exit Ticket

The school is building a new wheelchair ramp for one of the remodeled bathrooms. The original drawing was created by the contractor, but the principal drew another scale drawing to see the size of the ramp relative to the walkways surrounding it. Find the missing values on the table.

Original Scale Drawing



12 in.

Principal’s Scale Drawing:

New Scale Factor of SD2 to the actual ramp:  $\frac{1}{700}$



3 in.

	Actual Ramp	Original Scale Drawing	Principal’s Scale Drawing
Actual Ramp	1		
Original Scale Drawing		1	175
Principals’ Scale Drawing			