Item	Claim	Domain	Target	DOK	CONTENT	MP	Key
#25	4	G, RP	A	2	8.G.C.9, 7.RP.A.3	1, 4	90.9 – 91

1846

An empty corn silo in the shape of a cylinder is being filled with corn.

Silo

19 feet

32 feet
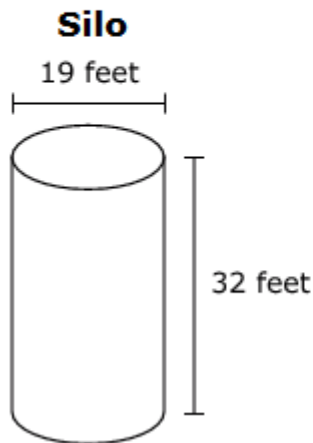
The silo is filled at a constant rate for a total of 10 hours. The table shows the amount of corn, in cubic feet, in the silo at the given number of hours after filling started.

Number of Hours	Amount of Corn (cu ft)
0	0
3	2475
5	4125
8	6600

Enter the **percent** of the silo that is filled with corn at 10 hours.

(Item #25 continued)

Key: 90.9 – 91

Rubric:
(2 points) Student enters a correct numerical value for the percent of volume that is filled at the end of 10 hours (accept values in the range 90.9 – 91).

(1 point) Student gives the amount filled after 10 hours (8250) but forgets to find the percentage of the filled amount to the volume OR student finds the volume of the silo only (9072.9 – 9073).