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## Race to the School Roof

$\qquad$ and $\qquad$ want to go up on the school roof. They've heard you can see into the neighbors' $1^{\text {st }}$ student $2^{\text {nd }}$ student backyards from there. The two of them load their $\qquad$ with ladders, rope and binoculars. They sneak
type of vehicle
over to school after dark. Who's going to go with them?


1. The roof is 28.52 feet above the ground. What's the minimum number of whole feet the ladder needs to be to pass that?
2. $\qquad$ ties together a bunch of $\qquad$ s to make a 30.08 -foot-long rope ladder. How long $2^{\text {nd }}$ student item of clothing is that to the closest tenth of a foot?
3. $\qquad$ shows up and wants to bring a 200-pound pet $\qquad$ up there. The crazy
$\qquad$ rope can lift 167.8 pounds maximum. How many pounds can the rope lift to the same item of clothing closest 10 pounds?
4. $\frac{4^{\text {th }} \text { student }}{}$ climbs up, and sees that the nearest neighbor has this ___dyed swimming pool shaped like a $\qquad$ $\cdot \frac{4^{\text {th }} \text { student }}{}$ takes a giant dive into the pool in just 3.4 seconds. How fast was that to the nearest second?
