

Rich Open-Ended Tasks

DIY: Unit Rate Problems (6th gr.)



- Numberless
1. Mrs. Messler can do 5 push-ups in 200 minutes. How many push-ups can she do in 1,000 minutes?
 2. Mrs. Messler can do 4,963 push-ups in $\frac{1}{1,000,000}$ minutes. How many push-ups can she do in 2 minutes? *super strength!*

- Tailless
3. A skydiver falls 144 feet in 3 seconds. When will he hit the ground if he is 432 ft. above sea level?
 4. A skydiver falls 144 feet in 3 seconds. If he is 576 meters high and falls at a consistent speed with no parachute, how many minutes does he have to live?

- Headless
5. 34 slices of cheese cost \$10. How much would it cost for 17 slices of cheese?
 6. Truffle cheese costs \$102,500 per $\frac{5}{1}$ ounces. How much would it cost for 17 slices of cheese? one average slice weighs 0.6 ounces.

7. JoJo Siwa can take 5 selfies every 10 seconds.
How many can she take in 60 seconds?

8. I can do 68 dabs in 420 seconds
How many can I do in 6 minutes, rounded to the nearest whole dab?
this student put a smaller # in the ?