

Big Picture

We are working with numbers and number systems. We will also be working with algebra and algebraic expressions. We will view much of this unit from the perspective of estimation and the purpose of measurement. This will eventually lead us to Fermi questions. Large estimations!

Context of this Lessons

Today we are working with rates and converting rates. This will be one of the last two lessons of the unit before we move into our first assessment.

To Do Today!

- **Task 0:** Fast 10
- **Task 1:** HW (10)
- **Task 2:** How fast are you Closure.
- **Task 3:** Rates Practice
- **Task 4:** (15)
- **Task 5:** Book Work Pg 55 1 and 2

Task 0: Please simplify the following problem using INCORRECT Order of Operations.

$$\frac{(10 \times 3 - 20) + 3 \times (9 \div 3 + 2)}{(18 \div 3 + 3) \div (4 \times 4 - 7)}$$

And solve this 😊

IF	3 X 3 = 6
	4 X 4 = 12
	5 X 5 = 20
THEN	6 X 6 = ??
Solve it within 30 seconds FROPKI.com	

Task 1: HW Discussion

- Review Set 2F.2 1 and 2

Task 2: How Fast Are you Closure

Then using that information, how long in hours would it take for you to travel to the following places assuming you can maintain the constant speed.

Your Speed = _____ km /hr

Round your answers to 3 sig figs and give your answer in hours please.

Place	Distance from CAC	Travel Time
100 Meter Dash		
Around a 400 m Track		
Home		
Alexandria		
New York		
Beijing		
The Moon		
The Sun		
Alpha Centari		

$$S = \frac{D}{T} \quad D = S \cdot T \quad T = \frac{D}{S}$$

Task 3: Quiz Prep

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Pg. 65-66: Review Set B