

Math 7 Strategies 1 FID Days

2024-2025 year will be on 8th snow day

Pletcher Expo Q3 / Q4 PSSA Prep with LUMOS book

Setup Day -

All students should

- TAKE/have their soft copy of LUMOS LEARNING textbook home for assignments as well as chromebook and calculator.
- Complete the Google Form indicating available resources and needs for a FID day
- Receive a copy of this slideshow pdf for reference

DAY of a Flexible Instructional Day (FID) students will

- Check in with
 - Google Classroom Meet (GC) & answer the Question of the Day
 - or Email
 - or Call Mrs. Pletcher - ext 2112 to leave a message indicating status
- Complete Assignment posted in some fashion

Day 1: Our Lumos Book pg 6-8 Unit Rates

Objective: **Standard Description for** : Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units [...SHOW MORE](#)

Calvin cleans $\frac{3}{5}$ of his bathroom with $\frac{1}{3}$ of a bottle of cleaning solution.

At this rate, what fraction of the bottle of cleaning solution will Calvin use to clean his entire bathroom?

- 1) View the 5 min youtube VIDEO and copy example as proof plus practicing note taking.

<https://www.youtube.com/watch?v=2DBBKArGfus&t=2s>

- 2) Complete the 13 problems with work shown on PAPER to link to GC assignment for the day OR hand in upon return.

Day 2: Our Lumos Book pg 17-18

Represent Proportions by Equations

<https://edpuzzle.com/media/677b6506dd80abcc5005a390>

This Edpuzzle will be linked in google classroom for recording purpose.

- 1) View the 3 min EDPUZZLE VIDEO and copy example as proof plus practicing note taking.
- 2) Complete the 13 problems with work shown on PAPER to link to GC assignment for the day OR hand in upon return.

Day 3: Our Lumos Book pg 61-63

Solving Real World Problems

Standard Description for : Solve real-world and mathematical problems involving the four operations with rational numbers...[SHOW MORE](#)

- 1) <https://www.youtube.com/watch?v=knZcB2DtbRE>

Copy problem and answer on these 5 questions to warm up your mind.

- 2) Complete the 13 problems with work shown on PAPER to link to GC assignment for the day OR hand in upon return.

Day 4: Our Lumos Book pg 76-78

Multi-step Problems

Question No: 10 Created By Lumos

Question Type: Multiple Choice - Single Answer

Nelly spent $\frac{7}{8}$ of his savings on furniture and the rest on a lawnmower. If the lawnmower cost him \$250, how much did he spend on furniture?

- A. \$2000
- B. \$1750 (Correct Answer)
- C. \$1500
- D. \$1000

Answer Explanation:

$\frac{8}{8} - \frac{7}{8} = \frac{1}{8}$ on lawnmower

$$\frac{1}{8}s = 250$$

$$s = 8(250)$$

$$s = \$2000 \text{ (total savings)}$$


$$\frac{7}{8}(2000) = 14000 \div 8 = 1750$$

\$1750 is the correct answer.

Points:

1

Standards:

CC.2.2.7.B.3 

- 1) View the 10 min youtube VIDEO and copy ONLY LAST example as proof plus practicing note taking. It is about purchasing items. It starts at minute 5:30 so you can skip to there and watch till minute 10.

<https://www.youtube.com/watch?v=OcHNJGa5784>

- 2) Complete the 13 problems with work shown on PAPER to link to GC assignment for the day OR hand in upon return. # 10 is done at side for you

Day 5: Our Lumos Book pg 140-142

Probability Models from Observed

Frequencies

Question No: 11 Created By Lumos

Question Type: Multiple Choice - Single Answer

The table shows observed frequencies of spinning a spinner with 4 numbers on it (1, 2, 3, 4).

| Experiment Table | | | | | |
|------------------|---|----|----|----|-----------------|
| Outcome | 1 | 2 | 3 | 4 | 50 total trials |
| Frequency | 6 | 11 | 19 | 14 | |

What is the observed probability of spinning a 4?

Select the correct answer choice.

- A. $P(4) = \frac{2}{7}$
- B. $P(4) = 14$
- C. $P(4) = \frac{4}{14}$
- D. $P(4) = \frac{7}{25}$ (Correct Answer)

Answer Explanation:

The probability of spinning a 4 is $\frac{14}{50}$, which simplified is $\frac{7}{25}$

Points:

1

Standards:

7.SP.7.B , 7.SP.8.B , CC.2.4.7.B.3 

- 1) View the 3 min youtube Khan Academy VIDEO and copy example as proof plus practicing note taking.

<https://www.youtube.com/watch?v=8bK-xfh8-rY>

- 2) Complete the 13 problems with work shown on PAPER to link to GC assignment for the day OR hand in upon return. # 11 is done at side for you