## THIRD TERM

## WEEKLY LESSON NOTES WEEK I

| Week Ending: 30-06-2023 |  | DAY: | Subject: Mathematics |  |
| :---: | :---: | :---: | :---: | :---: |
| Duration: 60MINS |  |  | Strand: Number |  |
| Class: B8 |  | Class Size: | Sub Strand: Multiplying \& Dividing Fractions |  |
| Content Standar B8.I.3.I Apply the operation on fracti involving fractions round the results to significant places. | nderstanding of ns to solve problems f given quantities and given decimal and | Indicat <br> B8.1.3.I <br> by using <br> and app | lying \& Dividing given fractions, inciple of the order of operations uderstanding to solve problems | Lesson: <br> I of I |
| Performance In Learners can mu | lying \& Dividing giver | ractions | Core Competencies: <br> Communication and Collaboration Thinking and Problem solving (CP) | (CC) Critical |
| References: Mat | atics Curriculum |  |  |  |
| Phase/Duration | Learners Activities |  |  | Resources |
| PHASE I: STARTER | Engage learners in Example: I have GH transport. How mu <br> Learners in pairs dis to share their answ <br> Share performance | le brain 00, and will I give ss the que with the <br> icators | o give half of it to my son for son? <br> and find the answer. Ask them <br> oduce the lesson. |  |
| PHASE 2: NEW LEARNING | Guide learners to PEDMAS) to simplif two operations. <br> Have learners unde Exponents, Multiply (going from left to <br> Write this question i. $21 \div 3+(3 \times 9)$ PEDMAS principle <br> Solution <br> Parentheses: We do we move to the ne <br> Exponents: We do move to the next s <br> Multiplication and this expression, and So, first we perform which is 243 . Finally, | the orde whole nu <br> and the m vide (goi t). <br> the boa +5. Lea present <br> ot have tep. <br> have any <br> sion: We <br> e must P <br> $\times 9$, whic <br> e perfor | erations (BODMAS or xpressions with more than <br> of PEDMAS as Parenthesis, left to right), Add/Subtract <br> pairs solve it using the olutions to the class. <br> ntheses in this expression, so <br> ents in this expression, so we <br> multiplication and division in them from left to right. <br> Then, we perform $27 \times 9$, 3 , which is 7 . | Counters, bundle and loose straws base ten cut square, Bundle of sticks |




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|  | Therefore, each person will get $2 / 9$ of the pizza. <br> If it takes $3 / 4$ of an hour to drive 30 miles, how long will it take to drive 45 miles? <br> Solution: <br> We can use a proportion to solve this problem. Let x be the number of hours it takes to drive 45 miles. <br> Then, we have the proportion: $3 / 4=30 / x$. Cross-multiplying, we get $3 x=120$, which means $x=40$ minutes or $2 / 3$ of an hour. <br> A recipe calls for $3 / 4$ cup of sugar to make 12 cookies. How much sugar is needed to make 36 cookies? <br> Solution: <br> To make 36 cookies, we need to triple the recipe. So, we need to triple both the amount of sugar and the number of cookies. <br> $3 / 4$ cup of sugar for 12 cookies is equivalent to $(3 / 4) \div(12 / 12)=1 / 4$ cup of sugar per cookie. <br> Therefore, to make 36 cookies, we need (I/4) $\times 36=9$ cups of sugar. <br> Assessment <br> i. Faako answers 42 out of 60 questions correctly. What percentage of her answers are correct? <br> Solution <br> Percentage of correct answers $=$ (Number of correct answers $/$ <br> Total number of questions) $\times 100$ <br> In this case, Faako answered 42 out of 60 questions correctly, so: <br> Percentage of correct answers $=(42 / 60) \times 100$ <br> Percentage of correct answers $=0.7 \times 100$ <br> Percentage of correct answers $=70 \%$ <br> Therefore, Faako answered 70\% of the questions correctly. <br> ii. John ran $2 / 3$ of a mile in 4 minutes. At the same pace, how long will it take him to run I mile? |
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| PHASE 3: REFLECTION | Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. <br> Take feedback from learners and summarize the lesson. |

