**MATHS FORMATIVE ASSESSMENT**

**MULTIPLICATION and DIVISION in FRACTIONS**

**PYP 6** − **NUMBER**

Name:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CRITERIA** | D:\blacy\biaoqing_003.png | D:\blacy\biaoqing_008.png | D:\blacy\biaoqing_007.png | D:\blacy\biaoqing_009.png |
| **FRACTIONS** * multiply whole number with proper fraction
 |  |  |  |  |
| * multiply proper fraction with whole number
 |  |  |  |  |
| * multiply proper fraction with other proper fraction
 |  |  |  |  |
| * create the correct sequential steps of multiplication of fractions in picture
 |  |  |  |  |
| * divide whole number with proper fraction
 |  |  |  |  |
| * divide proper fraction with whole number
 |  |  |  |  |
| * divide proper fraction with other proper fraction in equivalent denominator
 |  |  |  |  |
| * divide proper fraction with other proper fraction in different denominator
 |  |  |  |  |
| * divide improper fraction with proper fraction
 |  |  |  |  |
| * create the correct sequential steps of division of fractions in picture
 |  |  |  |  |

**MATHS FORMATIVE ASSESSMENT**

**MULTIPLICATION and DIVISION in FRACTIONS**

**PYP 6** − **NUMBER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CRITERIA** | D:\blacy\biaoqing_005.png | D:\blacy\biaoqing_003.png | D:\blacy\biaoqing_008.png | D:\blacy\biaoqing_007.png | D:\blacy\biaoqing_009.png |
| **DECIMALS** * multiply decimal fractions to thousandth or beyond
 |  |  |  |  |  |
| * multiply decimal with whole number
 |  |  |  |  |  |
| * multiply decimal with other decimal
 |  |  |  |  |  |
| * divide decimal fractions to thousandth or beyond
 |  |  |  |  |  |
| * divide decimal with whole number
 |  |  |  |  |  |
| * divide whole number with other decimal
 |  |  |  |  |  |
| * divide decimal with other decimal
 |  |  |  |  |  |
| **PERCENTAGES** * calculate discount in word problem
 |  |  |  |  |  |
| * calculate tax in word problem
 |  |  |  |  |  |
| * calculate interest in word problem
 |  |  |  |  |  |

**MATHS SUMMATIVE ASSESSMENT**

**APPLYING FRACTIONS, DECIMALS and PERCENTAGES**

**PYP 6** − **NUMBER**

|  |  |  |  |
| --- | --- | --- | --- |
| **CRITERIA** |  D:\mant-emo\pleasantsuprise.png | D:\mant-emo\bother.png | D:\mant-emo\faint.png |
| **CALCULATION** | * create correct calculation in fractions
* create correct calculation in decimals
* create correct calculation in interest
* create correct calculation in discount
* create correct calculation in tax
 | * create correct calculation but the wrong result **or** create wrong calculation but the correct result in fractions
* create correct calculation but the wrong result **or** create wrong calculation but the correct result in decimals
* create correct calculation but the wrong result **or** create wrong calculation but the correct result in interest
* create correct calculation but the wrong result **or** create wrong calculation but the correct result in discount
* create correct calculation but the wrong result **or** create wrong calculation but the correct result in tax
 | * make wrong calculation in fractions
* make wrong calculation in decimals
* make wrong calculation in interest
* make wrong calculation in discount
* make wrong calculation in tax
 |
| **STRATEGIES USED** | * have a flexible flair to apply all strategies
* initiatively apply the simplest strategy
* the strategy used is written in the correct sequence
 | * apply the strategy that teachers suggest or use mostly during explanation
* some strategies used are written in the correct sequence while the other strategies aren’t
 | * encounter difficulty on choosing and applying the appropriate strategy
* the strategy used is written not in the correct or comprehensible order
 |
| **QUESTION****COMPREHENSION** | * independently grasp the questions without having any difficulties
 | * requires teachers’ explanation to understand the focus or meaning of the questions
 | * still have difficulties though teachers’ explanation has been given
 |
| **SPEED** | * finish the task before the designated time or on-time
 | * able to finish the task after some extra time has been given
 | * still unable to finish the task though some extra time has been given
 |