

Year 5 – Assessment Study Guide

Term 2 - 2025-2026

Subject	Topics included	Refer to
PowerPoint Presentation are saved in - Assessments Topics – Term 2 - Math - with the below given folder name		
MATH	<p>POWER MATHS YEAR 5 PRACTICE BOOK A</p> <p>UNIT 5: FRACTIONS (1) LESSONS: 1, 2, 4, 5, 6, 8</p> <p>UNIT 6: FRACTIONS (2) LESSONS: 1, 2, 3, 4, 5, 6, 7</p> <p>POWER MATHS YEAR 5 PRACTICE BOOK B</p> <p>UNIT 7: MULTIPLICATION & DIVISION LESSONS: 1, 2, 3, 6, 7, 8</p> <p>UNIT 8: FRACTIONS (3) LESSONS: 1 & 2</p> <p>MENTAL MATH</p>	<p>PowerPoint Presentation saved in - Assessments Topics Term 2 -Math-with the given folder name- PowerPoints.</p> <p>Practice Book Reference: Power Math 5A Practice Book Pages: 122, 123, 125, 126, 131, 132, 134, 135, 137, 138, 143, 144, 148, 149, 151, 152, 154, 155, 157, 158, 160, 161, 163, 164, 166, 167</p> <p>Practice Book Reference: Power Math 5B Practice Book Pages: 6, 7, 9, 10, 12, 13, 21, 22, 24, 25, 27, 28, 39, 40, 42, 43</p> <p>SAMPLE PRACTICE WORKSHEETS UPLOADED AS – MATHS PRACTICE SHEETS</p>

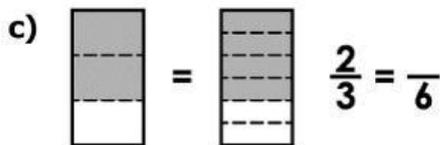
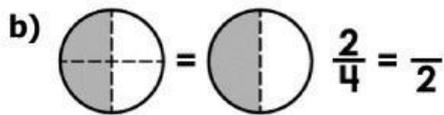
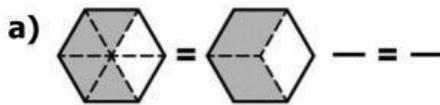
"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

1

Name:		TERM 2: YEAR 5
Subject: MATHS	Date:	Objective: I can solve math problems using prior knowledge.

TOPIC 1: EQUIVALENT FRACTIONS

1.1 Use the models to find the equivalent fractions.



1.2 Find the equivalent fractions.

a) $\frac{3}{5} = \frac{\boxed{}}{\boxed{}}$

$\times 3$ (above the fraction) and $\times 3$ (below the fraction) with arrows indicating multiplication.

b) $\frac{\boxed{}}{\boxed{}} = \frac{9}{30}$

$\div 3$ (above the fraction) and $\div 3$ (below the fraction) with arrows indicating division.

c) $\frac{\boxed{}}{16} = \frac{5}{\boxed{}}$

$\div 2$ (above the fraction) and $\div 2$ (below the fraction) with arrows indicating division.

"Empower students to learn for life and strive for excellence so that they can contribute positively to the global society"

1.3 Complete the missing denominators.

a) $\frac{1}{\square} = \frac{4}{28}$

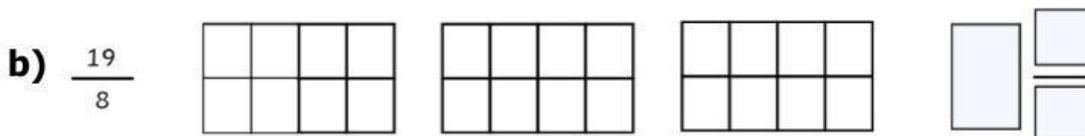
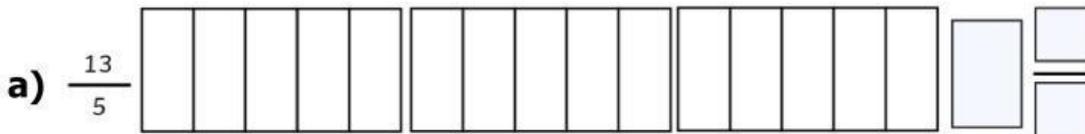
c) $\frac{1}{\square} = \frac{6}{54}$

b) $\frac{6}{42} = \frac{1}{\square}$

d) $\frac{3}{33} = \frac{1}{\square}$

TOPIC 2: IMPROPER FRACTIONS TO MIXED NUMBERS

2.1 Shade each model to represent the improper fraction and then write it as a mixed number.



2.2 Identify and circle all mixed numbers that are equivalent to the given improper fraction.

$\frac{13}{3}$	$2 \frac{2}{3}$	$4 \frac{1}{3}$	$5 \frac{1}{3}$	$4 \frac{2}{3}$	$2 \frac{2}{3}$
$\frac{14}{4}$	$3 \frac{2}{4}$	$4 \frac{1}{2}$	$3 \frac{1}{2}$	$4 \frac{1}{4}$	$2 \frac{1}{2}$
$\frac{16}{10}$	$1 \frac{4}{10}$	$1 \frac{2}{5}$	$1 \frac{3}{5}$	$1 \frac{6}{10}$	$1 \frac{8}{10}$
$\frac{20}{6}$	$2 \frac{2}{3}$	$3 \frac{2}{6}$	$3 \frac{2}{3}$	$2 \frac{1}{3}$	$3 \frac{1}{3}$
$\frac{19}{5}$	$4 \frac{1}{5}$	$4 \frac{2}{5}$	$3 \frac{4}{5}$	$3 \frac{3}{5}$	$5 \frac{1}{5}$

TOPIC 3: MIXED NUMBERS TO IMPROPER FRACTIONS

3.1 Look at the model. Identify and circle the improper fraction that represents the mixed number shown.

a)

1				1				1				$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{5}{4}$				$\frac{14}{4}$				$\frac{8}{4}$				$\frac{12}{4}$	

b)

1				1			$\frac{1}{3}$
$\frac{1}{3}$							
$\frac{7}{3}$			$\frac{9}{3}$		$\frac{3}{3}$		$\frac{7}{2}$

3.2 Convert the mixed number into an improper fraction.

a)

 $4\frac{2}{3} = \frac{\square}{\square}$

3.3 Convert the mixed numbers into improper fractions.

a) $4\frac{1}{5} = \frac{\square}{\square}$

d) $3\frac{2}{3} = \frac{\square}{\square}$

g) $2\frac{4}{7} = \frac{\square}{\square}$

b) $4\frac{3}{5} = \frac{\square}{\square}$

e) $2\frac{7}{10} = \frac{\square}{\square}$

h) $9\frac{1}{11} = \frac{\square}{\square}$

c) $4\frac{4}{5} = \frac{\square}{\square}$

f) $3\frac{1}{8} = \frac{\square}{\square}$

i) $5\frac{3}{4} = \frac{\square}{\square}$

TOPIC 4: COMPARING FRACTIONS

4.1 Choose $<$, $>$ or $=$ to complete each statement.

a) $2\frac{7}{8} \bigcirc 4\frac{3}{4}$

d) $\frac{31}{5} \bigcirc \frac{31}{10}$

g) $\frac{21}{5} \bigcirc 2\frac{1}{5}$

b) $3\frac{2}{3} \bigcirc 3\frac{1}{6}$

e) $\frac{41}{6} \bigcirc \frac{41}{2}$

h) $\frac{31}{10} \bigcirc 3\frac{1}{10}$

c) $5\frac{1}{5} \bigcirc 5\frac{2}{10}$

f) $\frac{21}{2} \bigcirc \frac{41}{4}$

i) $5\frac{1}{3} \bigcirc \frac{31}{6}$

TOPIC 5: ORDERING FRACTIONS

5.1 Order each set of fractions from greatest to smallest or from smallest to greatest, as shown.

$\frac{4}{3}$ $\frac{2}{3}$ $\frac{1}{3}$ ____ > ____ > ____	$\frac{6}{8}$ $\frac{3}{8}$ $\frac{5}{8}$ ____ > ____ > ____	$\frac{2}{15}$ $\frac{1}{15}$ $\frac{7}{15}$ ____ > ____ > ____
$\frac{4}{9}$ $\frac{4}{3}$ $\frac{4}{5}$ ____ < ____ < ____	$\frac{6}{5}$ $\frac{6}{7}$ $\frac{6}{2}$ ____ < ____ < ____	$\frac{13}{3}$ $\frac{13}{2}$ $\frac{13}{5}$ ____ < ____ < ____
$\frac{3}{5}$ $\frac{2}{7}$ $1\frac{1}{2}$ ____ > ____ > ____	$\frac{8}{7}$ $\frac{1}{3}$ $\frac{4}{5}$ ____ > ____ > ____	$2\frac{1}{3}$ $1\frac{3}{5}$ $\frac{4}{5}$ ____ < ____ < ____

TOPIC 6: ADD & SUBTRACT FRACTIONS

6.1 Find the sum.

$$\frac{1}{5} + \frac{2}{5} = \dots\dots\dots$$

$$\frac{3}{4} + \frac{2}{4} = \dots\dots\dots$$

$$\frac{2}{10} + \frac{4}{5} = \dots\dots\dots$$

$$\frac{2}{3} + \frac{1}{4} = \dots\dots\dots$$

6.2 Find the difference.

$$\frac{5}{7} - \frac{2}{7} = \dots\dots\dots$$

$$\frac{9}{12} - \frac{5}{12} = \dots\dots\dots$$

$$\frac{7}{10} - \frac{1}{2} = \dots\dots\dots$$

$$\frac{2}{3} - \frac{5}{9} = \dots\dots\dots$$

6.3 Solve the following subtraction problems.

$$2\frac{3}{4} - \frac{3}{8}$$

a)



$$1\frac{7}{10} - \frac{3}{5}$$

b)



TOPIC 7: MULTIPLYING FRACTIONS

7.1 Find the product. Write your answer in its simplest form.

a) $\frac{2}{3} \times \frac{1}{2} = \dots\dots\dots$

b) $\frac{1}{5} \times \frac{1}{9} = \dots\dots\dots$

c) $\frac{3}{4} \times \frac{3}{6} = \dots\dots\dots$

d) $\frac{4}{7} \times \frac{1}{3} = \dots\dots\dots$

e) $2 \times \frac{3}{4} = \dots\dots\dots$

f) $6 \times \frac{1}{3} = \dots\dots\dots$

g) $1 \times \frac{2}{4} = \dots\dots\dots$

h) $3 \times \frac{8}{10} = \dots\dots\dots$

TOPIC 8: LONG MULTIPLICATION

8.1 Calculate each multiplication using the column method.

a)

			2	5
		x	3	6
<hr/>				

b)

			3	5
		x	5	6
<hr/>				

c)

			4	3
		x	3	3
<hr/>				

8.2 Solve the multiplication problem using the area model.

a)

		26			
		20		6	
14	10				
	4				

$26 \times 14 = \square$

TOPIC 9: SHORT DIVISION

9.1 Calculate each division using short division. There will be no remainders.

a) $642 \div 6 = \square$

	6	6	4	2	

b) $725 \div 5 = \square$

	5	7	2	5	

c) $5,016 \div 3 = \square$

	3	5	0	1	6		

9.2 Calculate each division using short division. There will be remainders.

a) $56 \div 5$

	5	5	6	

c) $418 \div 9$

	9	4	1	8

e) $973 \div 6$

b) $329 \div 2$

	2	3	2	9	

d) $4,175 \div 4$

f) $1,111 \div 8$

TOPIC 10: WORD PROBLEMS

Calculate the answers to the following word problems.

Show your working and give your answers in their simplest form where possible.

10.1 Asil and Masa are helping the assistants to arrange chairs for the school's end-of-year concert. They arrange 24 rows of chairs. There are 36 chairs in each row.

How many chairs are arranged altogether?

10.2 Abdulla and his little sister prepared Garangao gift packages for their school. They had 960 sweets. They shared the sweets equally between 2 classes. Each class had 24 children.

a) How many sweets did each class receive?

b) How many sweets did each child receive?

10.3 Ahmed read $\frac{2}{5}$ of a book on Monday and $\frac{1}{4}$ of the same book on Tuesday. **What fraction of the book did Ahmed read altogether?**

10.4 Mohannad had $\frac{7}{8}$ of a pizza left. He ate $\frac{3}{8}$ of it.

How much pizza does Mohannad have left?

10.5 Tamim cycles $2\frac{1}{2}$ km each day after school. He cycles for 4 days.

How many kilometres does Tamim cycle in total? Give your answer as a mixed number.

10.6 Adam completed $\frac{5}{6}$ of his homework. He realised that $\frac{1}{6}$ of his work was incorrect. **What fraction of his homework was correct?**

10.7 Ammar ran three distances during sports practice:

$\frac{3}{14}$ km, $\frac{5}{12}$ km and $\frac{7}{6}$ km.

Order these distances from shortest to longest.

THINK OUT OF THE BOX

1. There was a mistake in the way this math problem was solved.
Correct it and explain the error.

$$\begin{array}{r} 54 \\ x 23 \\ \hline 162 \\ +1,080 \\ \hline 1,232 \end{array}$$

Correction:

Explain the error:

.....

.....

MENTAL MATHS

1.	300×4	
2.	$1,500 \div 10$	
3.	Convert $\frac{12}{5}$ to a mixed number.	
4.	What is $\frac{1}{4} + \frac{1}{4}$?	
5.	Write $\frac{5}{25}$ in its simplest form.	
6.	What is $\frac{1}{4} \times 3$?	
7.	Write an example of any mixed number.	
8.	State whether the following statement is true or false; $\frac{1}{2}$ is an improper fraction.	
9.	A farmer packs 36 apples into each box. If he fills 5 boxes. How many apples does he pack in total?	
10.	A baker made 84 cupcakes for a school event. She packs them equally into 6 boxes. How many cupcakes are in each box?	