



# RADIANT HEIGHTS ACADEMY

*From Radiant Minds to Great Heights*

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Student Name: \_\_\_\_\_

## MIDTERM EXAM

### Level 3-4 Term 2 Week 5

#### THIS WEEK'S FOCUS

- ✓ Adding & Subtracting Fractions
- ✓ Comparing Fractions
- ✓ Expanding Sentences (Show don't tell)
- ✓ Reading comprehension

# Mathematics Exam

Time Allowed: 50 Minutes

Total Marks: 55 Marks

## Section A - Mixed Numbers (10 marks)

1. What are the different types of fractions? Explain each type and give one example of each. (5 marks)

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2. Convert the following Mixed numbers into Improper fractions. Leave your answers in its simplest form. (0.5 mark each, 5 marks total).

1)  $2\frac{4}{10} =$

2)  $6\frac{4}{9} =$

3)  $10\frac{1}{2} =$

4)  $9\frac{5}{8} =$

5)  $2\frac{4}{8} =$

6)  $9\frac{4}{6} =$

7)  $3\frac{4}{6} =$

8)  $1\frac{1}{2} =$

9)  $6\frac{6}{8} =$

10)  $4\frac{1}{3} =$

**Section B – Improper Fractions (5 marks)**

**3. Convert the following Improper fractions to Mixed numbers. Leave your answers in its simplest form. (0.5 mark each)**

1)  $\frac{5}{2} =$

2)  $\frac{75}{8} =$

3)  $\frac{59}{8} =$

4)  $\frac{25}{4} =$

5)  $\frac{57}{6} =$

6)  $\frac{32}{6} =$

7)  $\frac{49}{6} =$

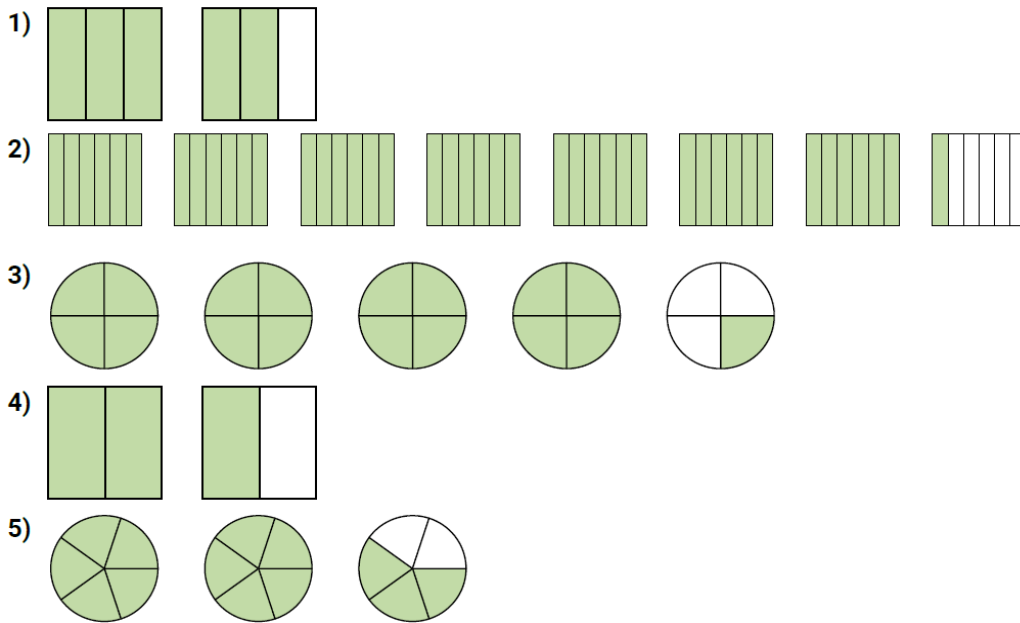
8)  $\frac{23}{10} =$

9)  $\frac{8}{5} =$

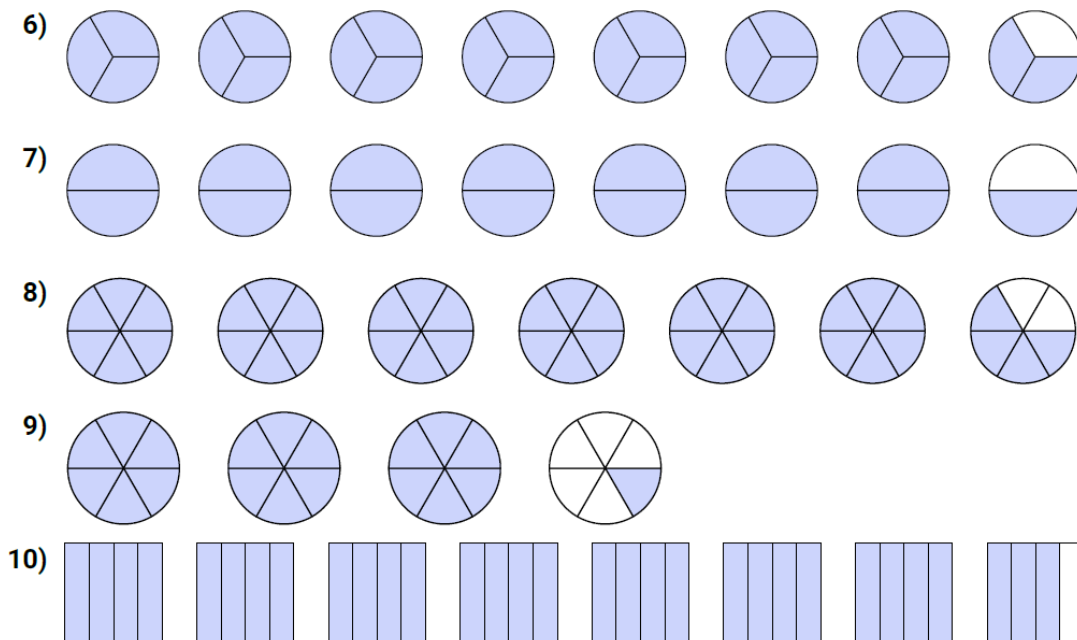
10)  $\frac{5}{4} =$

**Section C – Fraction Visuals (5 marks)**

**4. Convert the following visuals into mixed numbers. Leave your answer in the simplest form. (0.5 marks each, 2.5 marks total)**

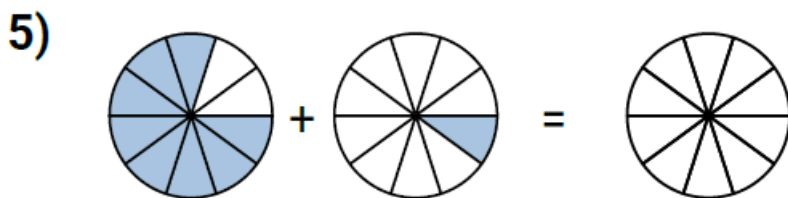
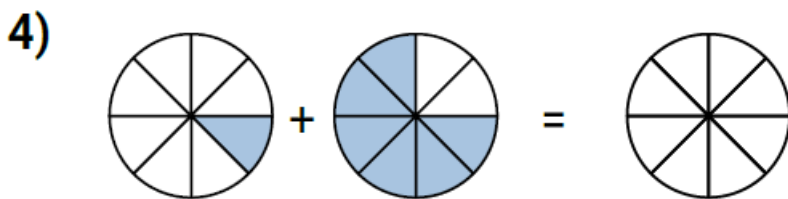
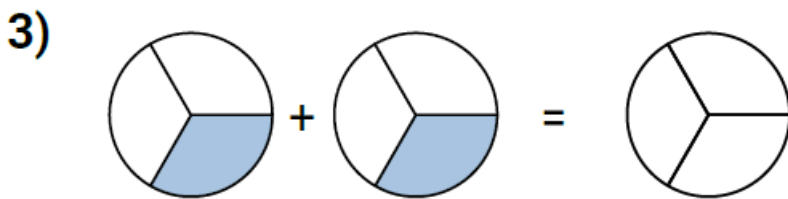
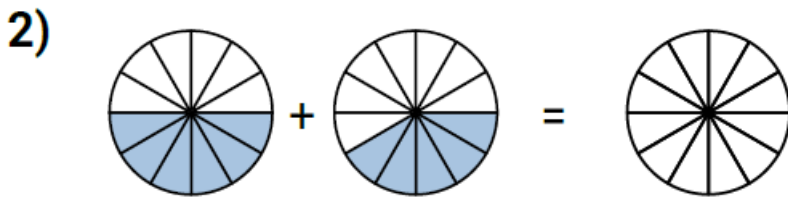
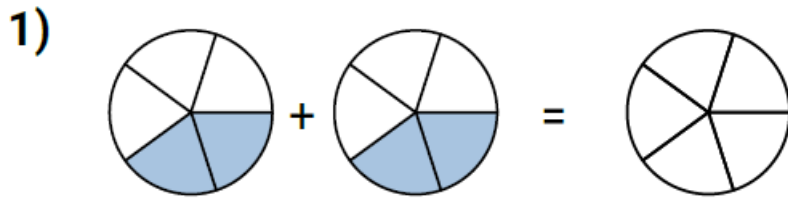


**5. Convert the following visuals into Improper fractions. (0.5 marks each, 2.5 marks total)**



**Section D – Adding fractions (10 marks)**

**6. Convert the following visuals into fractions, add the fractions, and write out the answer as a fraction. (2 mark each)**



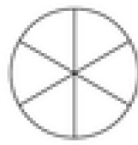
Section E – Equivalent fractions (10 marks)

7. Create equivalent fractions by writing and shading in the correct amount. (1 Mark each)



$$\frac{2}{3}$$

=



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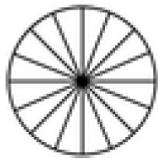


$$\frac{1}{3}$$

=

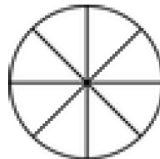


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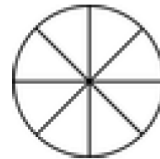


$$\frac{10}{16}$$

=

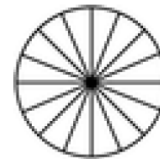


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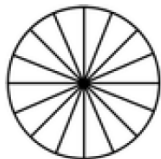


$$\frac{4}{8}$$

=



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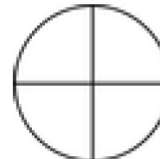


$$\frac{2}{16}$$

=



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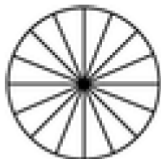


$$\frac{1}{4}$$

=



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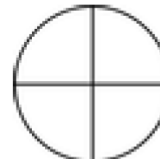


$$\frac{8}{16}$$

=

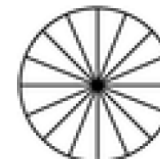


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$$\frac{1}{4}$$

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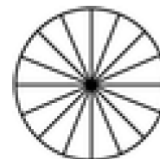


$$\frac{2}{3}$$

=



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$$\frac{2}{16}$$

=



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**Section F – Comparing Fractions (5 marks)**

**1. Place the appropriate symbol comparing the following fractions. > < = (0.5 marks each)**

1)  $\frac{5}{10}$  \_\_\_\_\_  $\frac{1}{3}$

2)  $\frac{1}{5}$  \_\_\_\_\_  $\frac{5}{6}$

3)  $\frac{4}{8}$  \_\_\_\_\_  $\frac{4}{5}$

4)  $\frac{2}{6}$  \_\_\_\_\_  $\frac{8}{10}$

5)  $\frac{2}{5}$  \_\_\_\_\_  $\frac{2}{3}$

6)  $\frac{5}{12}$  \_\_\_\_\_  $\frac{4}{6}$

7)  $\frac{2}{3}$  \_\_\_\_\_  $\frac{4}{5}$

8)  $\frac{6}{8}$  \_\_\_\_\_  $\frac{4}{5}$

9)  $\frac{3}{8}$  \_\_\_\_\_  $\frac{2}{6}$

10)  $\frac{3}{4}$  \_\_\_\_\_  $\frac{9}{10}$

**Section G – Adding & Subtracting Fractions with different denominators (10 marks)**

**1. Answer the following questions leaving it in the simplest form. (2 marks each)**

1)  $\frac{7}{10} - \frac{2}{3} =$

2)  $\frac{2}{3} + \frac{1}{5} =$

3)  $\frac{2}{4} - \frac{1}{2} =$

4)  $\frac{7}{10} + \frac{1}{2} =$

5)  $\frac{2}{3} - \frac{2}{4} =$

# English Exam

**Time Allowed:** 50 Minutes

**Total Marks:** 42 Marks

## Question 1 — Multiple Choice (2.5 marks)

Circle whether each sentence is an example of **SHOW** or **TELL**. (0.5 marks each)

1. Sarah slammed the door and stomped upstairs.  
SHOW / TELL
2. The boy was angry.  
SHOW / TELL
3. Jake's hands trembled as he stepped onto the stage.  
SHOW / TELL
4. The puppy was cute.  
SHOW / TELL
5. Mia's mouth dropped open and her eyes widened in shock.  
SHOW / TELL

## Question 2 — Short Answer (2 marks)

**What is "Show, Don't Tell"?**

Explain what "show, don't tell" means in your own words.

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**Question 3 — The Five Senses (5 marks)**

Name the five senses and provide **three descriptive example words** for each one. **(1 mark each)**

**Sense**

**Three Example Words**

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Question 4 — Sentence Expansion (10 marks) (2 marks each)**

1. The boy walked into the room.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. The dog barked loudly.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. The girl was nervous before the race.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. The storm arrived suddenly.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. The classroom was messy.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Question 5 — Paragraph Expansion (10 marks)**

Rewrite and expand each paragraph using: **(5 marks each)**

- Descriptive vocabulary
- Show, don't tell
- Sensory details
- Interesting sentence structure

**Question 5: Part 1**

The students entered the museum.  
They looked around quietly.  
A large dinosaur skeleton stood in the middle of the room.  
Everyone stopped to stare at it.

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**Question 5: Part 2**

A family arrived at the beach early in the morning.  
The waves crashed against the shore.  
The children ran towards the water.  
Their parents unpacked the picnic nearby.

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# World's Cheapest Car is Launched in India

The Tata Nano, the world's cheapest car, was launched in India in 2009. The Nano went on sale costing just 100,000 rupees (£1,366).

Tata, the manufacturer, hoped the three metre long, five-seater car would be cheap enough to encourage millions of Indians to trade in their motorcycles and buy a new car.

Tata owner, Ratan Tata, described the Nano as a 'milestone'. He also said, "I think we are at the gates of offering a new form of transport to the people of India. I hope it will provide safe, affordable, four-wheel transportation to families who till now have not been able to own a car."

Environmentalists warned that the Nano will add to India's already clogged up roads and pollution levels will soar.

The Nano has a 33bhp, 624cc engine at the rear and four forward gears. It weighs only 600Kg. It has no boot lid so luggage has to be loaded by folding down the back seat. It has only one windscreen wiper and one door mirror. Each wheel is held on with only three nuts instead of four. Engineers from the Tata factory said they have done everything they can to reduce the number of parts used and make the car as cheap as possible to buy.

Gopal Pandurang, a chauffeur for top Indian businessmen was delighted when he heard about the car. "All these years I have spent my life driving wealthy people around in air conditioned



comfort during the week and at the weekends I take my own family out on the bus because I could not fit everyone on my motorcycle."

"I was shocked," said Rakhee, Mr Pandurang's twenty four year old daughter, "when such a cheap car was announced. My father,

## World's Cheapest Car is Launched in India

### Section A

Choose the best word or group of words to fit the passage and put a ring around your choice.

The world's cheapest car was launched in

1    **2007.**                    **2008.**                    **2009.**                    **2010.**

It cost just 100,000 rupees

2    **(£3,166)**            **(£1,366)**            **(£6,136)**            **(£1,636)**

to buy. The manufacturer hoped

3    **hundreds**            **thousands**            **millions**            **trillions**

of Indians would sell their

4    **bicycles**            **canoes**            **rickshaws**            **motorcycles**

to buy a new car. Some people warned that the

5    **Nono**            **Nano**            **Naughty**            **Nice**

### Section B

1 Complete the table below:

Length in metres:	
Number of seats:	
Brake horse power (bhp):	
Size of engine in cc:	
Number of forward gears:	
Weight in kg:	

2 Who did Tata, the manufacturer, think would buy this car?

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3 Why is the car company called 'Tata' motors?

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4 Why do you think not many Indian people own a car?

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5 Why was Gopal Pandurang delighted when he heard about this car?

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# Working Out Space

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# Working Out Space

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