

## أربعة نماذج لاختبار نهاية الفصل وفق الهيكل الوزاري منهج ريفيل



### تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف الخامس ← رياضيات ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2025-11-23 15:54:46

ملفات اكتب للمعلم اكتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل  
منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس

المزيد من مادة  
رياضيات:

إعداد: Alnaqbi Mariam

### التواصل الاجتماعي بحسب الصف الخامس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

### المزيد من الملفات بحسب الصف الخامس والمادة رياضيات في الفصل الأول

عرض بوربوينت حل مراجعة وفق الهيكل الوزاري الجديد منهج ريفيل المسار المتقدم

1

حل أسئلة الامتحان النهائي منهج ريفيل القسم الورقي المسار المتقدم

2

أسئلة الامتحان النهائي منهج ريفيل القسم الورقي المسار المتقدم

3

ملخص كامل أسئلة وفق الهيكل الوزاري الجديد منهج ريفيل

4

حل مراجعة نهائية وفق الهيكل الوزاري الجديد منهج ريفيل

5



وضع هدفك الحقيقي  
هو نصف حقيقة

أربعة نماذج لاختبار نهاية الفصل الأول  
للفيف الخامس المسار العام

٢٠٢٦-٢٠٢٥

**Ms. Mariam Alnaqbi**

الطالب: .....

الفيف والشعبة: .....



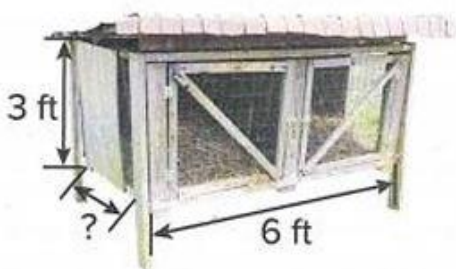
**Math Mock Exam Term – 1\_2025-2026**

**Part – 1**

Q.1

The volume of this rabbit hutch is 36 cubic feet  
What is the width? Show your work.

**[6 Marks]**



Q.2

(a) Write the following number in *expanded form*.

**[3 Marks]**



*Expanded form:*

(b) Use the cost of each school supply answer the following questions  
[5 Marks]



(i) Do the pencils or highlighters cost more?

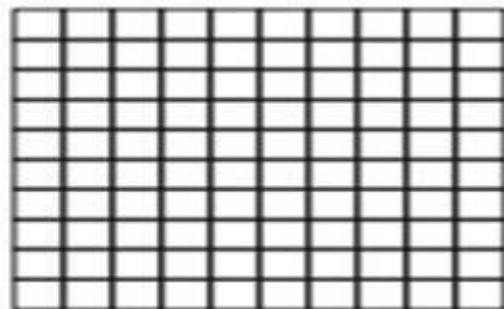
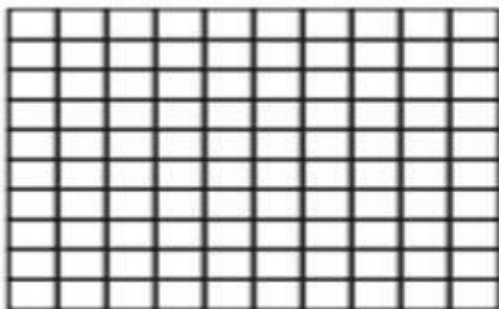
(ii) Write a comparison statement for the cost of the pens and the pencils

(iii) Which school supply is the most expensive? Which school supply is the least expensive? Explain how you know

Q.3 Use the decimal grid to solve

[6 Marks]

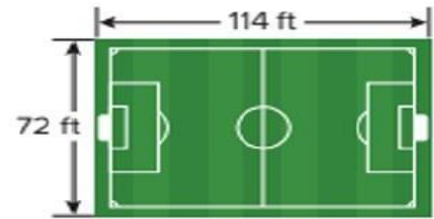
$$1.12 - 0.7 = \underline{\hspace{2cm}}$$



Q.4

Determine the area of given football ground.  
Use an area model.

[7 Marks]



Q.5

(a) Find the value

[6 Marks]

What is the product? Explain the strategy you used to solve.

1.  $2.9 \times 0.7 = d$

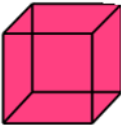
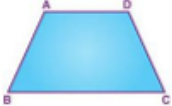
2.  $5.6 \times 3.2 = b$

b) What is the quotient? Use partial quotient to solve.

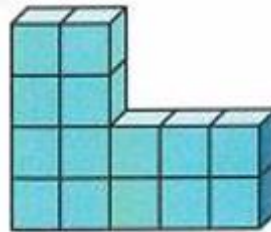
$$3432 \div 66$$

## Part -2

Q.6 Which of the figure has the **volume**? [4 Marks]

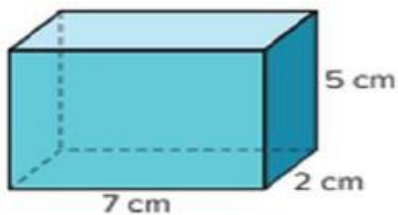
|   |                                                                                   |   |                                                                                   |   |                                                                                    |   |                                                                                     |
|---|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|
| A |  | B |  | C |  | D |  |
|---|-----------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|

Q.7 What is the **volume** of the figure . [4 Marks]



|   |             |   |             |   |             |   |             |
|---|-------------|---|-------------|---|-------------|---|-------------|
| A | 18 cubic in | B | 14 cubic in | C | 20 cubic in | D | 12 cubic in |
|---|-------------|---|-------------|---|-------------|---|-------------|

Q.8 What is the **volume** of the figure [4 Marks]



|                |   |                |   |                |   |                |
|----------------|---|----------------|---|----------------|---|----------------|
| 12 cubic units | B | 26 cubic units | C | 24 cubic units | D | 70 cubic units |
|----------------|---|----------------|---|----------------|---|----------------|

Q.9 Which of the following statements is **true**? [4 Marks]

A 0.009 is ten times 0.09

B 0.09 is ten times 0.009

C 0.09 is  $\frac{1}{10}$  of 0.009

D 9 is  $\frac{1}{10}$  of 0.9

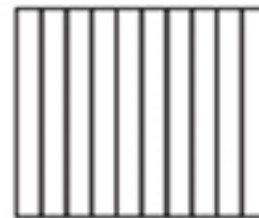
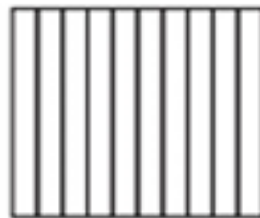
|      |                                                                             |   |      |   |       |   |      |
|------|-----------------------------------------------------------------------------|---|------|---|-------|---|------|
| Q.10 | Write in standard form.<br><br>$0.9 + 0.03 + 0.007$<br><br><b>[4 Marks]</b> |   |      |   |       |   |      |
| A    | 937                                                                         | B | 9.37 | C | 0.937 | D | 93.7 |

|      |                                                                                                                                         |   |       |   |       |   |       |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|---|-------|---|-------|---|-------|
| Q.11 | Danica rounded a number to the nearest tenth to get $14.7$ . What number could she have rounded to get this answer?<br><b>[4 Marks]</b> |   |       |   |       |   |       |
| A    | 14.62                                                                                                                                   | B | 14.73 | C | 14.07 | D | 14.75 |

|      |                                                                            |   |    |   |   |   |      |
|------|----------------------------------------------------------------------------|---|----|---|---|---|------|
| Q.12 | What is a reasonable estimate?<br><br>$9.86 + 4.3$<br><br><b>[4 Marks]</b> |   |    |   |   |   |      |
| A    | 14.16                                                                      | B | 14 | C | 6 | D | 4.29 |

Q.13 What is the sum? Use the decimal grids. [4 Marks]

$$0.5 + 0.8 = \dots\dots\dots$$



|   |    |   |      |   |     |   |       |
|---|----|---|------|---|-----|---|-------|
| A | 13 | B | 0.13 | C | 1.3 | D | 0.013 |
|---|----|---|------|---|-----|---|-------|

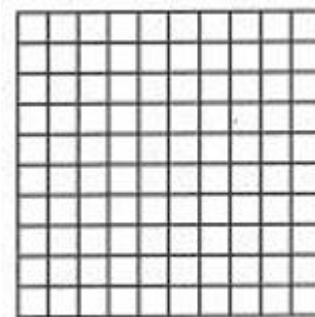
Q.14 Add [4 Marks]

$$2.57 + 8.4 = \dots\dots\dots$$

|   |       |   |       |   |      |   |      |
|---|-------|---|-------|---|------|---|------|
| A | 10.61 | B | 10.97 | C | 6.17 | D | 2.78 |
|---|-------|---|-------|---|------|---|------|

Q.15 What is the difference ? Use the decimal grids [4 Marks]

$$0.9 - 0.02 = \dots\dots\dots$$



|   |     |  |      |   |      |   |     |
|---|-----|--|------|---|------|---|-----|
| A | 0.7 |  | 0.88 | C | 0.07 | D | 8.8 |
|---|-----|--|------|---|------|---|-----|

Q.16 Subtract [4 Marks]

$$7.73 - 5.1 = \dots\dots\dots$$

|   |       |   |      |   |      |   |      |
|---|-------|---|------|---|------|---|------|
| A | 12.83 | B | 2.72 | C | 2.36 | D | 2.63 |
|---|-------|---|------|---|------|---|------|

|      |                                                               |   |       |   |     |   |        |
|------|---------------------------------------------------------------|---|-------|---|-----|---|--------|
| Q.17 | Which expression or value is equivalent to $10^4$ ? [4 Marks] |   |       |   |     |   |        |
| A    | 1000                                                          | B | 10000 | C | 100 | D | 100000 |

|      |                                                     |   |     |   |       |   |        |
|------|-----------------------------------------------------|---|-----|---|-------|---|--------|
| Q.18 | What is the product of $23 \times 10^3$ ? [4 Marks] |   |     |   |       |   |        |
| A    | 2300                                                | B | 230 | C | 23000 | D | 230000 |

|      |                                                                                                                                                                                                        |   |       |   |      |   |      |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|---|------|---|------|
| Q.19 | <p>[4 Marks]</p> <p>A sporting goods store sold 24 mountain bikes. How much money did they make selling bikes?</p>  |   |       |   |      |   |      |
| A    | 5976                                                                                                                                                                                                   | B | 2,000 | C | 4000 | D | 3562 |

|      |                                                                                                  |   |     |   |      |   |       |
|------|--------------------------------------------------------------------------------------------------|---|-----|---|------|---|-------|
| Q.20 | <p><i>estimate</i> the product [4 Marks]</p> <p><math>643 \times 18 = \dots\dots\dots</math></p> |   |     |   |      |   |       |
| A    | 1400                                                                                             | B | 120 | C | 1200 | D | 12000 |

|      |                                                                             |   |     |   |    |   |       |
|------|-----------------------------------------------------------------------------|---|-----|---|----|---|-------|
| Q.21 | <p>Find the value</p> <p><math>3.6 \times 10^2 = \dots\dots\dots</math></p> |   |     |   |    |   |       |
| A    | 3600                                                                        | B | 360 | C | 36 | D | 36000 |

|      |                                                                                                            |   |    |   |      |   |           |
|------|------------------------------------------------------------------------------------------------------------|---|----|---|------|---|-----------|
| Q.22 | Tonya cuts 0.4 meter of ribbon for each gift she wraps. She wraps 6 gifts. How much ribbon does Tonya use? |   |    |   |      |   | [4 Marks] |
| A    | 1.2                                                                                                        | B | 24 | C | 0.24 | D | 2.4       |

|                  |                                 |   |     |   |     |   |     |
|------------------|---------------------------------|---|-----|---|-----|---|-----|
| Q.23             | What is the product ? [4 Marks] |   |     |   |     |   |     |
| 14 X 2.3 = ..... |                                 |   |     |   |     |   |     |
| A                | 32.2                            | B | 322 | C | 320 | D | 246 |

|                                                      |                                 |   |     |   |      |   |       |
|------------------------------------------------------|---------------------------------|---|-----|---|------|---|-------|
| Q.24                                                 | What is the product ? [4 Marks] |   |     |   |      |   |       |
| <div>45 × 17 = 765</div> <div>45 × 1.7 = _____</div> |                                 |   |     |   |      |   |       |
| A                                                    | 7.65                            | B | 765 | C | 76.5 | D | 0.765 |

|                               |                            |   |    |   |     |   |           |
|-------------------------------|----------------------------|---|----|---|-----|---|-----------|
| Q.25                          | Find the <i>quotient</i> ? |   |    |   |     |   | [4 Marks] |
| <div>20000 ÷ 40 = .....</div> |                            |   |    |   |     |   |           |
| A                             | 5                          | B | 50 | C | 500 | D | 5000      |

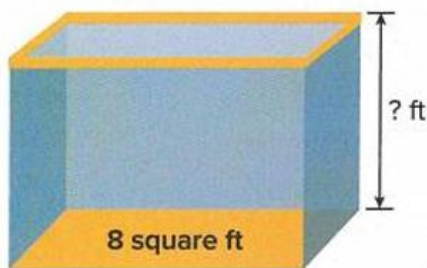
**Math Mock Exam Term – 1\_2025-2026**

**Part – 1**

Q.1

A fish tank has a volume of 24.

What is the height of the fish tank? Show your work. [6 Marks]



Q.2

(a)

[3 Marks]

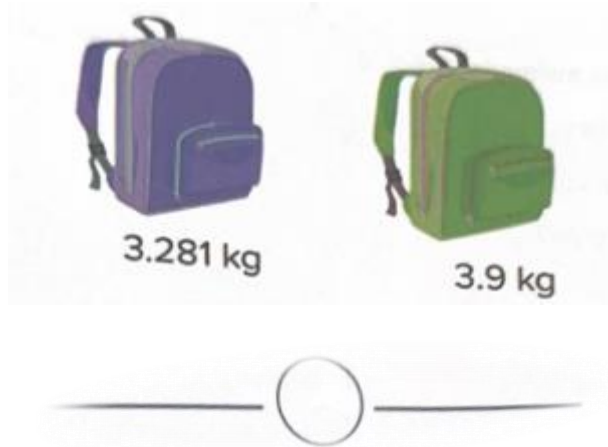
What is the standard form of the decimal?

1)  $0.9 + 0.03 + 0.07$

2)  $5 + 0.01 + 0.009$

b) Write a comparison statement.

[3 Marks]

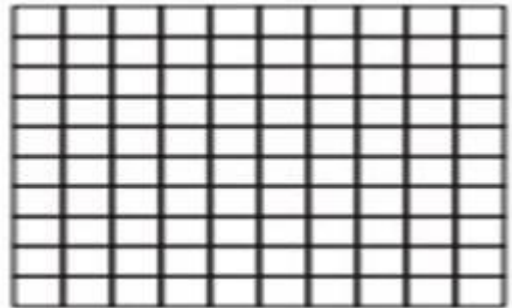
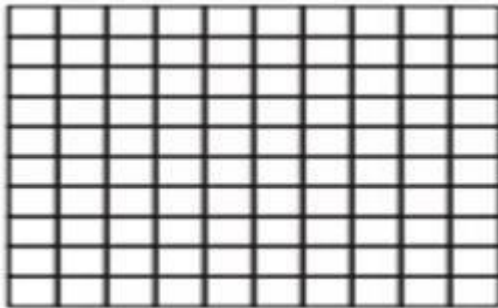


Q.3

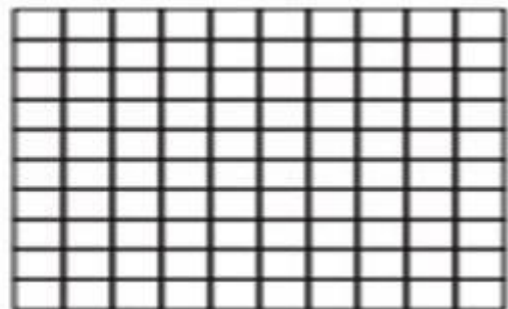
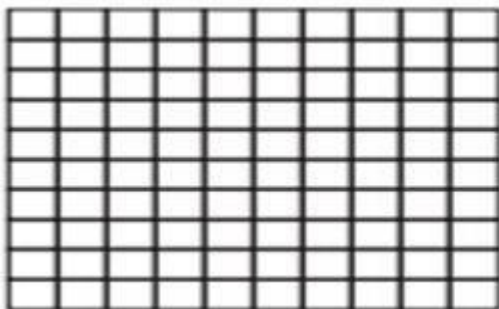
Use the decimal grid to solve

[6 Marks]

(a)  $0.14 + 0.5 = \underline{\hspace{2cm}}$



(b)  $0.54 - 0.38 = \underline{\hspace{2cm}}$



Q.4 Complete the area model. Then solve.

[7 Marks]

|    |       |   |    |   |   |
|----|-------|---|----|---|---|
|    | 100   | + | 50 | + | 4 |
| 30 | 3,000 |   |    |   |   |
| +  |       |   |    |   |   |
| 6  | 600   |   |    |   |   |

Q.5

Rebecca cut these ribbons to the same length. How much ribbon did Rebecca use in all?



[6 Marks]

b) What is the quotient? Use partial quotient to solve.

$$819 \div 39$$

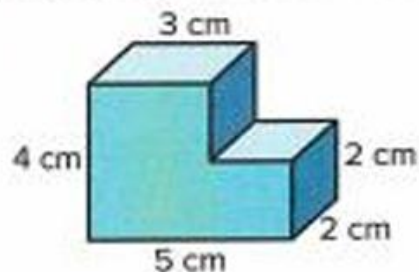
## Part -2

Q.6 To fill the flowerpot with soil, you are measuring .....? [4 Marks]



|   |      |   |        |   |       |   |        |
|---|------|---|--------|---|-------|---|--------|
| A | Area | B | Length | C | Width | D | Volume |
|---|------|---|--------|---|-------|---|--------|

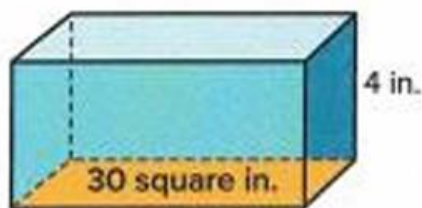
Q.7 What is the *volume* of the figure . [4 Marks]



|   |             |   |             |   |             |   |             |
|---|-------------|---|-------------|---|-------------|---|-------------|
| A | 32 cubic in | B | 14 cubic in | C | 20 cubic in | D | 12 cubic in |
|---|-------------|---|-------------|---|-------------|---|-------------|

Q.8 What is the **volume** of the figure

[4 Marks]



|   |                |   |                 |   |                |   |                |
|---|----------------|---|-----------------|---|----------------|---|----------------|
| A | 12 cubic units | B | 120 cubic units | C | 34 cubic units | D | 70 cubic units |
|---|----------------|---|-----------------|---|----------------|---|----------------|

Q.9 Which of the following statements is **true**?

[4 Marks]

|   |                                 |
|---|---------------------------------|
| A | 0.003 is ten times 0.03         |
| B | 0.03 is ten times 0.003         |
| C | 0.03 is $\frac{1}{10}$ of 0.003 |
| D | 3 is $\frac{1}{10}$ of 0.3      |

Q.10 Write in standard form.

$$20 + 0.7 + 0.08 + 0.006$$

[4 Marks]

|   |        |   |       |   |       |   |      |
|---|--------|---|-------|---|-------|---|------|
| A | 20.786 | B | 2.786 | C | 2.766 | D | 93.7 |
|---|--------|---|-------|---|-------|---|------|

Q.11 What is **98.17** rounded to nearest tenth?

[4 Marks]

|   |       |   |       |   |    |   |       |
|---|-------|---|-------|---|----|---|-------|
| A | 98.10 | B | 98.20 | C | 98 | D | 98.18 |
|---|-------|---|-------|---|----|---|-------|

Q.12 What is a reasonable estimate?

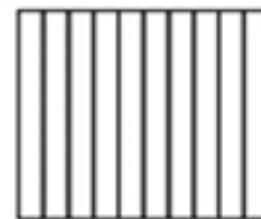
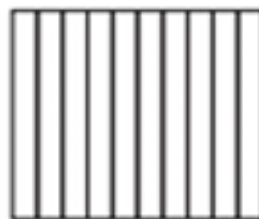
[4 Marks]

$$8.32 - 5.9$$

|   |      |   |   |   |   |   |   |
|---|------|---|---|---|---|---|---|
| A | 2.42 | B | 3 | C | 2 | D | 4 |
|---|------|---|---|---|---|---|---|

Q.13 What is the sum? Use the decimal grids. [4 Marks]

$$0.2 + 0.7 = \dots\dots\dots$$



|   |     |   |   |   |      |   |      |
|---|-----|---|---|---|------|---|------|
| A | 0.9 | B | 9 | C | 0.09 | D | 0.27 |
|---|-----|---|---|---|------|---|------|

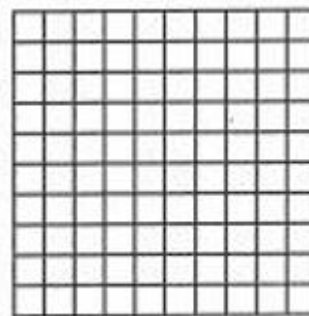
Q.14 Add [4 Marks]

$$6.9 + 0.31 = \dots\dots\dots$$

|   |    |   |      |   |      |   |      |
|---|----|---|------|---|------|---|------|
| A | 10 | B | 6.40 | C | 7.21 | D | 6.59 |
|---|----|---|------|---|------|---|------|

Q.15 What is the difference ? Use the decimal grids [4 Marks]

$$0.54 - 0.1 = \dots\dots\dots$$



|   |      |  |      |   |      |   |      |
|---|------|--|------|---|------|---|------|
| A | 0.64 |  | 0.53 | C | 0.55 | D | 0.44 |
|---|------|--|------|---|------|---|------|

Q.16 Subtract [4 Marks]

$$8.57 - 2.4 = \dots\dots\dots$$

|   |       |   |       |   |      |   |      |
|---|-------|---|-------|---|------|---|------|
| A | 10.61 | B | 10.97 | C | 6.17 | D | 2.63 |
|---|-------|---|-------|---|------|---|------|

|      |                                                               |   |     |   |    |   |        |
|------|---------------------------------------------------------------|---|-----|---|----|---|--------|
| Q.17 | Which expression or value is equivalent to $10^3$ ? [4 Marks] |   |     |   |    |   |        |
| A    | 1000                                                          | B | 100 | C | 10 | D | 100000 |

|      |                                                      |   |       |   |      |   |        |
|------|------------------------------------------------------|---|-------|---|------|---|--------|
| Q.18 | What is the product of $581 \times 10^2$ ? [4 Marks] |   |       |   |      |   |        |
| A    | 581                                                  | B | 58100 | C | 5.81 | D | 581000 |

|      |                                                                                                                                 |   |      |   |      |   |      |
|------|---------------------------------------------------------------------------------------------------------------------------------|---|------|---|------|---|------|
| Q.19 | <p>The store also sold 12 mountain bike and scooter packages each for \$367. How much money did they make?</p> <p>[4 Marks]</p> |   |      |   |      |   |      |
| A    | 4000                                                                                                                            | B | 4404 | C | 2568 | D | 4486 |

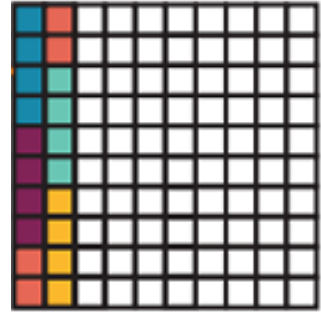
|      |                                                                                                  |   |      |   |     |   |    |
|------|--------------------------------------------------------------------------------------------------|---|------|---|-----|---|----|
| Q.20 | <p><i>estimate</i> the product [4 Marks]</p> <p><math>325 \times 62 = \dots\dots\dots</math></p> |   |      |   |     |   |    |
| A    | 18000                                                                                            | B | 1800 | C | 180 | D | 18 |

|      |                                                                             |   |      |   |     |   |    |
|------|-----------------------------------------------------------------------------|---|------|---|-----|---|----|
| Q.21 | <p>Find the value</p> <p><math>7.2 \times 10^3 = \dots\dots\dots</math></p> |   |      |   |     |   |    |
| A    | 72000                                                                       | B | 7200 | C | 720 | D | 72 |

Q.22

Which equation is represented by the decimal grid?

[4 Marks]



A

$4 \times 0.5 = 0.20$

B

$5 \times 0.04 = 0.20$

C

$5 \times 0.4 = 0.20$

D

$5 \times 0.4 = 2$

Q.23

What is the product ?

[4 Marks]

$7.1 \times 8 = \dots\dots\dots$

A

54.8

B

568

C

56.8

D

246

Q.24

What is the product ?

[4 Marks]

$32 \times 14 = \underline{\hspace{2cm}}$

$32 \times 1.4 = 44.8$

A

4.48

B

448

C

4480

D

0.448

Q.25

Find the *quotient* ?

[4 Marks]

$15000 \div 30 = \dots\dots\dots$

A

5

B

50

C

500

D

5000

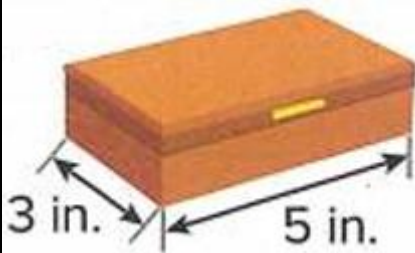
**Math Mock Exam Term – 1\_2025-2026**

**Part – 1**

**Q.1**

**A jewelry box has a volume of 30.**

**What is the height of the jewelry box? Show your work. [6 Marks]**



**Q.2**

**(a) Write the following number in standard form and expanded form. [3 Marks]**

**”Three and eight hundred forty-six thousandths“**

**Standard form:**

**Expanded form:**

b) Determine whether each comparison true or false?

[3 Marks]

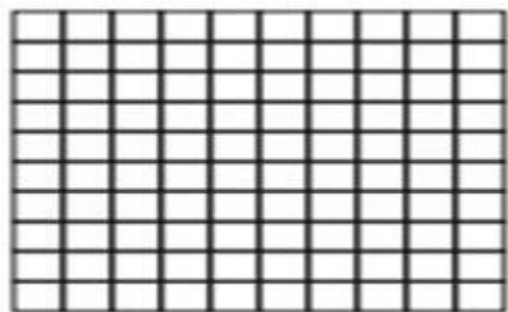
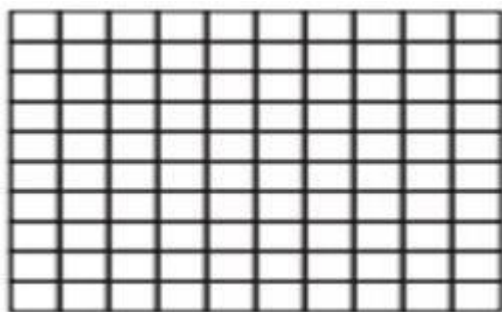
|                 | True | False |
|-----------------|------|-------|
| $0.49 < 0.5$    |      |       |
| $0.304 > 0.333$ |      |       |
| $0.019 < 0.09$  |      |       |
| $0.08 > 0.81$   |      |       |
| $0.111 < 0.11$  |      |       |
| $0.68 = 0.068$  |      |       |

Q.3

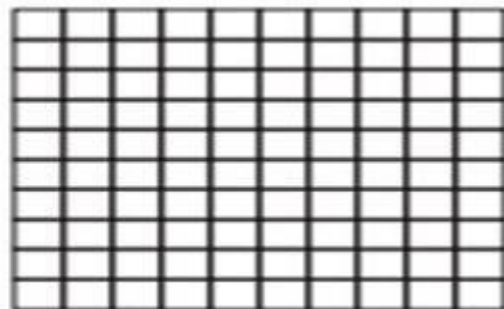
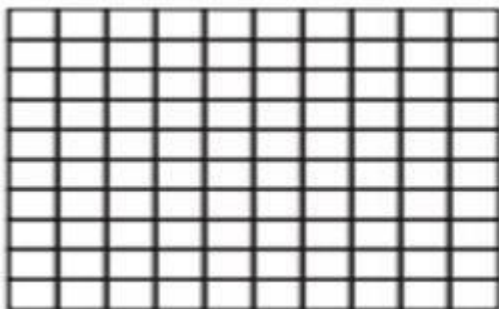
Use the decimal grid to solve

[6 Marks]

(a)  $0.45 + 0.4 = \underline{\hspace{2cm}}$



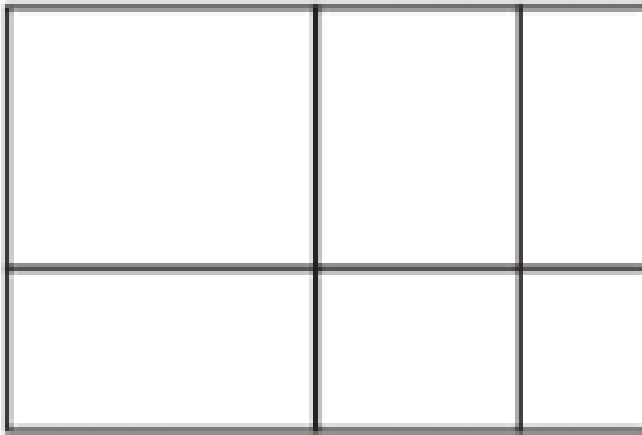
(b)  $0.09 - 0.02 = \underline{\hspace{2cm}}$



Q.4 What is the product? Use area model.

[7 Marks]

$$28 \times 132$$



Q.5

A pitcher has a capacity of 3.9 liters. A cooler has a capacity 9.2 times greater. What is the capacity of the cooler?

[6 Marks]

b) What is the quotient? Use partial quotient to solve.

$$988 \div 26$$

## Part -2

Q.6 The distance of a bike ride .....

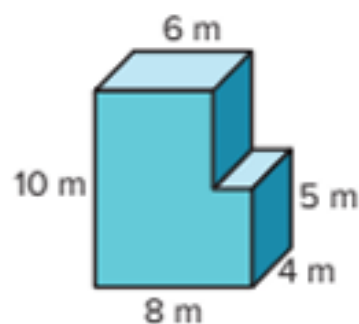
[4 Marks]



|   |      |   |        |   |       |   |        |
|---|------|---|--------|---|-------|---|--------|
| A | Area | B | Length | C | Width | D | Volume |
|---|------|---|--------|---|-------|---|--------|

Q.7 What is the *volume* of the figure .

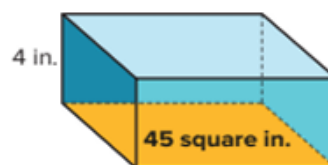
[4 Marks]



|   |              |   |              |   |              |   |              |
|---|--------------|---|--------------|---|--------------|---|--------------|
| A | 320 cubic in | B | 280 cubic in | C | 120 cubic in | D | 160 cubic in |
|---|--------------|---|--------------|---|--------------|---|--------------|

Q.8 What is the **volume** of the figure

[4 Marks]



|   |                |   |                 |   |                 |   |                |
|---|----------------|---|-----------------|---|-----------------|---|----------------|
| A | 90 cubic units | B | 120 cubic units | C | 180 cubic units | D | 70 cubic units |
|---|----------------|---|-----------------|---|-----------------|---|----------------|

Q.9 Which of the following statements is **true**?

[4 Marks]

|   |                                 |
|---|---------------------------------|
| A | 0.2 is ten times 2              |
| B | 0.02 is ten times 0.002         |
| C | 0.02 is $\frac{1}{10}$ of 0.002 |
| D | 2 is $\frac{1}{10}$ of 0.2      |

Q.10 Write in standard form.

$$5 + 0.01 + 0.009$$

[4 Marks]

|   |      |   |       |   |       |   |       |
|---|------|---|-------|---|-------|---|-------|
| A | 5.19 | B | 5.190 | C | 0.519 | D | 5.019 |
|---|------|---|-------|---|-------|---|-------|

Q.11 What is **16.12** rounded to nearest tenth?

[4 Marks]

|   |       |   |       |   |    |   |       |
|---|-------|---|-------|---|----|---|-------|
| A | 16.10 | B | 16.20 | C | 16 | D | 16.12 |
|---|-------|---|-------|---|----|---|-------|

Q.12 What is a reasonable estimate?

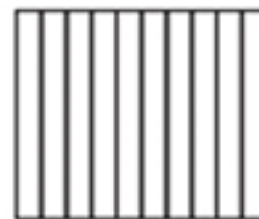
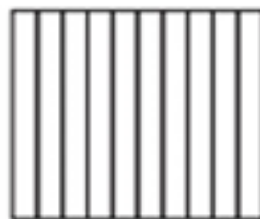
[4 Marks]

$$88.4 - 10.96$$

|   |       |   |    |   |    |   |    |
|---|-------|---|----|---|----|---|----|
| A | 77.44 | B | 77 | C | 99 | D | 80 |
|---|-------|---|----|---|----|---|----|

Q.13 What is the sum? Use the decimal grids. [4 Marks]

$$0.5 + 0.6 = \dots\dots\dots$$



|   |      |   |     |   |      |   |      |
|---|------|---|-----|---|------|---|------|
| A | 0.11 | B | 1.1 | C | 0.56 | D | 0.30 |
|---|------|---|-----|---|------|---|------|

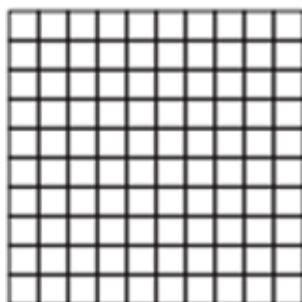
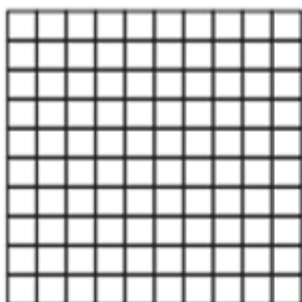
Q.14 Add [4 Marks]

$$14.53 + 11.2 = \dots\dots\dots$$

|   |   |   |      |   |       |   |      |
|---|---|---|------|---|-------|---|------|
| A | 4 | B | 3.33 | C | 25.73 | D | 6.59 |
|---|---|---|------|---|-------|---|------|

Q.15 What is the difference ? Use the decimal grids [4 Marks]

$$1.28 - 0.7 = \dots\dots\dots$$



|   |      |  |      |   |      |   |      |
|---|------|--|------|---|------|---|------|
| A | 1.21 |  | 0.58 | C | 0.55 | D | 0.44 |
|---|------|--|------|---|------|---|------|

Q.16 Subtract [4 Marks]

$$6.31 - 0.9 = \dots\dots\dots$$

|   |      |   |       |   |      |   |      |
|---|------|---|-------|---|------|---|------|
| A | 6.40 | B | 10.97 | C | 6.17 | D | 5.41 |
|---|------|---|-------|---|------|---|------|

|      |                                                               |   |     |   |     |   |      |
|------|---------------------------------------------------------------|---|-----|---|-----|---|------|
| Q.17 | Which expression or value is equivalent to $10^2$ ? [4 Marks] |   |     |   |     |   |      |
| A    | 102                                                           | B | 120 | C | 100 | D | 1000 |

|      |                                                      |   |       |   |      |   |        |
|------|------------------------------------------------------|---|-------|---|------|---|--------|
| Q.18 | What is the product of $103 \times 10^2$ ? [4 Marks] |   |       |   |      |   |        |
| A    | 103                                                  | B | 10300 | C | 1.03 | D | 103000 |

|                                   |                             |   |       |   |      |   |      |
|-----------------------------------|-----------------------------|---|-------|---|------|---|------|
| Q.19                              | Find <span>[4 Marks]</span> |   |       |   |      |   |      |
| <div>222<br/>x 58<br/>-----</div> |                             |   |       |   |      |   |      |
| A                                 | 2886                        | B | 12876 | C | 2568 | D | 4486 |

|                         |                             |   |     |   |      |   |           |
|-------------------------|-----------------------------|---|-----|---|------|---|-----------|
| Q.20                    | <i>estimate</i> the product |   |     |   |      |   | [4 Marks] |
| <b>438 X 27 = .....</b> |                             |   |     |   |      |   |           |
| A                       | 12000                       | B | 120 | C | 1200 | D | 120000    |

|                                     |                |   |      |   |     |   |    |  |
|-------------------------------------|----------------|---|------|---|-----|---|----|--|
| Q.21                                | Find the value |   |      |   |     |   |    |  |
| $4.8 \times 10^2 = \dots\dots\dots$ |                |   |      |   |     |   |    |  |
| A                                   | 48000          | B | 4800 | C | 480 | D | 48 |  |

Q.22

Which equation is represented by the decimal grid?

[4 Marks]



A

$3 \times 0.4 = 0.12$

B

$3 \times 0.04 = 1.2$

C

$3 \times 0.4 = 1.2$

D

$4 \times 0.3 = 1.2$

Q.23

What is the product ?

[4 Marks]

$6.2 \times 1.5 = \dots\dots\dots$

A

930

B

9.30

C

93.0

D

93

Q.24

What is the product ?

[4 Marks]

$16 \times 89 = 1,424$

$16 \times 8.9 = \underline{\hspace{2cm}}$

A

1.424

B

14.24

C

142.4

D

1424

Q.25

Find the *quotient* ?

[4 Marks]

$16000 \div 80 = \dots\dots\dots$

A

2

B

20

C

200

D

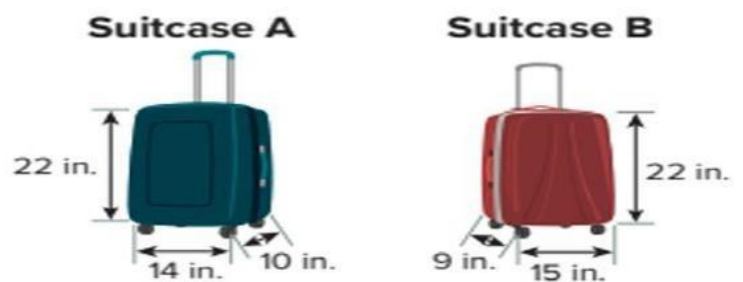
2000

Math Mock Exam Term – 1\_2025-2026

Part – 1

Q.1

Khaled wants to buy the suitcase with the greater volume. Which suitcase should he buy? Explain and show your work [6 Marks]



Q.2

(a) Write the following number in standard form and expanded form. [3 Marks]

”Ninety-three and six thousandths“

Standard form:

Expanded form:

b) Solve to make a true comparison [3 Marks]

$7.790 \bigcirc 8.7$

$1.021 \bigcirc 1.095$

$6.55 \bigcirc 5.66$

$9.9 \bigcirc 0.99$

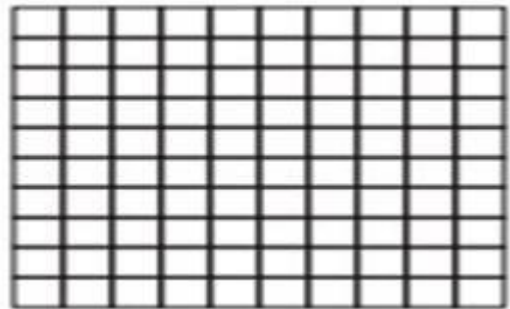
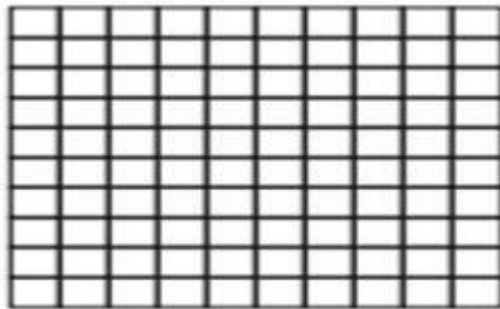
$3.41 \bigcirc 3.41$

$2.563 \bigcirc 2.573$

Q.3 Use the decimal grid to solve

[6 Marks]

(a)  $0.6 + 0.09 = \underline{\hspace{2cm}}$



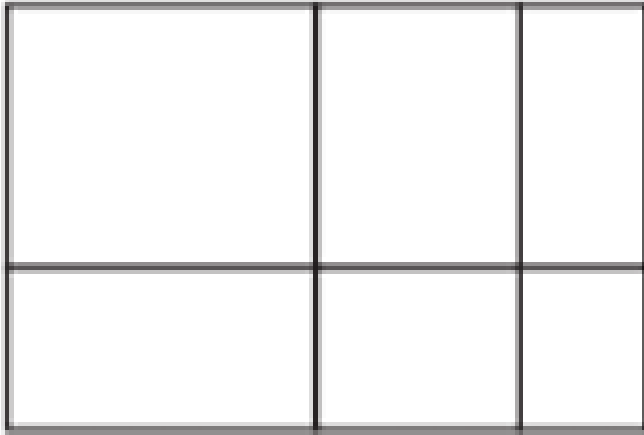
b)

Malik has \$0.85. He bought a pencil for \$0.50. Does he have enough money left to buy a folder for \$0.30? Explain.

Q.4 What is the product? Use area model.

[7 Marks]

$$218 \times 28$$



Q.5

Kara has a bag of apples. Each apple weighs 0.4 pound on average. There are 17 apples in her bag. What is the total weight of her apples?

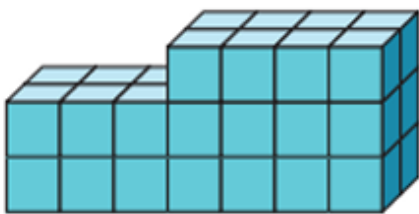
[6 Marks]

b) What is the quotient? Use partial quotient to solve.

$$1215 \div 27$$

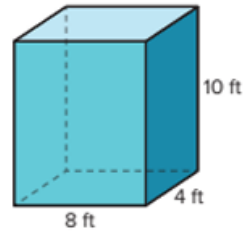
## Part -2

|     |                                                      |   |        |   |       |   |           |
|-----|------------------------------------------------------|---|--------|---|-------|---|-----------|
| Q.6 | The amount of concrete needed to fill a patio .....? |   |        |   |       |   | [4 Marks] |
| A   | Area                                                 | B | Length | C | Width | D | Volume    |

|                                                                                      |                                           |   |             |   |             |           |             |
|--------------------------------------------------------------------------------------|-------------------------------------------|---|-------------|---|-------------|-----------|-------------|
| Q.7                                                                                  | What is the <i>volume</i> of the figure . |   |             |   |             | [4 Marks] |             |
|  |                                           |   |             |   |             |           |             |
| A                                                                                    | 32 cubic in                               | B | 36 cubic in | C | 24 cubic in | D         | 30 cubic in |

Q.8 What is the **volume** of the figure

[4 Marks]



|   |                 |   |                 |   |                |   |                 |
|---|-----------------|---|-----------------|---|----------------|---|-----------------|
| A | 380 cubic units | B | 320 cubic units | C | 340cubic units | D | 300 cubic units |
|---|-----------------|---|-----------------|---|----------------|---|-----------------|

Q.9 Which of the following statements is **true**? [4 Marks]

|   |                                 |
|---|---------------------------------|
| A | 0.4 is ten times 4              |
| B | 0.04is ten times 0.004          |
| C | 0.04 is $\frac{1}{10}$ of 0.004 |
| D | 4 is $\frac{1}{10}$ of 0.4      |

Q.10 Write in standard form.

$$7 + \frac{4}{10} + \frac{5}{1,000}$$

[4 Marks]

|   |       |   |       |   |       |   |       |
|---|-------|---|-------|---|-------|---|-------|
| A | 7.450 | B | 7.045 | C | 7.405 | D | 0.745 |
|---|-------|---|-------|---|-------|---|-------|

Q.11 What is **12.7** rounded to whole number? [4 Marks]

|   |    |   |      |   |    |   |      |
|---|----|---|------|---|----|---|------|
| A | 12 | B | 12.8 | C | 13 | D | 13.7 |
|---|----|---|------|---|----|---|------|

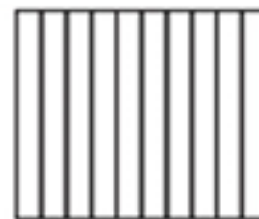
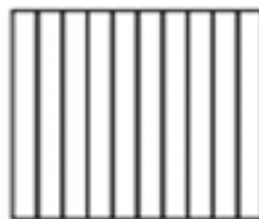
Q.12 What is a reasonable estimate? [4 Marks]

$$16.28 - 5.9$$

|   |    |   |    |   |    |   |   |
|---|----|---|----|---|----|---|---|
| A | 10 | B | 22 | C | 32 | D | 4 |
|---|----|---|----|---|----|---|---|

Q.13 What is the sum? Use the decimal grids. [4 Marks]

$$0.9 + 0.3 = \dots\dots\dots$$



|   |      |   |     |   |      |   |      |
|---|------|---|-----|---|------|---|------|
| A | 0.12 | B | 1.2 | C | 0.93 | D | 0.60 |
|---|------|---|-----|---|------|---|------|

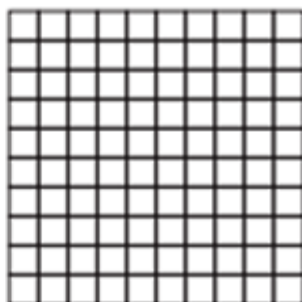
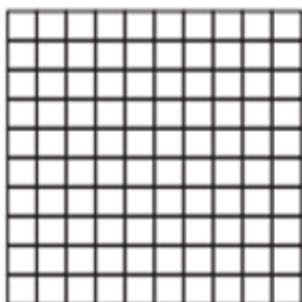
Q.14 Add [4 Marks]

$$70.34 + 21.52 = \dots\dots\dots$$

|   |       |   |       |   |    |   |      |
|---|-------|---|-------|---|----|---|------|
| A | 48.82 | B | 91.86 | C | 92 | D | 6.59 |
|---|-------|---|-------|---|----|---|------|

Q.15 What is the difference ? Use the decimal grids [4 Marks]

$$1.07 - 0.3 = \dots\dots\dots$$



|   |      |  |      |   |      |   |      |
|---|------|--|------|---|------|---|------|
| A | 1.21 |  | 0.58 | C | 0.77 | D | 0.44 |
|---|------|--|------|---|------|---|------|

Q.16 Subtract [4 Marks]

$$8.57 - 2.4 = \dots\dots\dots$$

|   |      |   |       |   |      |   |      |
|---|------|---|-------|---|------|---|------|
| A | 6.40 | B | 10.97 | C | 6.17 | D | 5.41 |
|---|------|---|-------|---|------|---|------|

|      |                                                               |   |     |   |         |   |      |
|------|---------------------------------------------------------------|---|-----|---|---------|---|------|
| Q.17 | Which expression or value is equivalent to $10^6$ ? [4 Marks] |   |     |   |         |   |      |
| A    | 106                                                           | B | 160 | C | 1000000 | D | 1000 |

|      |                                                     |   |      |   |     |   |        |
|------|-----------------------------------------------------|---|------|---|-----|---|--------|
| Q.18 | What is the product of $60 \times 10^4$ ? [4 Marks] |   |      |   |     |   |        |
| A    | 60000                                               | B | 6000 | C | 600 | D | 600000 |

|      |                                                                                                                   |   |      |   |      |   |      |
|------|-------------------------------------------------------------------------------------------------------------------|---|------|---|------|---|------|
| Q.19 | Find <span style="float: right;">[4 Marks]</span><br><br>$\begin{array}{r} 36 \\ \times 93 \\ \hline \end{array}$ |   |      |   |      |   |      |
| A    | 2886                                                                                                              | B | 3456 | C | 3348 | D | 4486 |

|      |                                                                                |   |       |   |      |   |     |
|------|--------------------------------------------------------------------------------|---|-------|---|------|---|-----|
| Q.20 | <i>estimate</i> the product [4 Marks]<br><br>$572 \times 49 = \dots\dots\dots$ |   |       |   |      |   |     |
| A    | 3000                                                                           | B | 30000 | C | 3000 | D | 300 |

|      |                                                           |   |     |   |      |   |       |
|------|-----------------------------------------------------------|---|-----|---|------|---|-------|
| Q.21 | Find the value<br><br>$1.9 \times 10^2 = \dots\dots\dots$ |   |     |   |      |   |       |
| A    | 19                                                        | B | 190 | C | 1900 | D | 19000 |

Q.22

Tonya cuts 0.4 meter of ribbon for each gift she wraps. She wraps 6 gifts. How much ribbon does Tonya use?

[4 Marks]

|   |    |   |     |   |      |   |      |
|---|----|---|-----|---|------|---|------|
| A | 24 | B | 2.4 | C | 0.24 | D | 0.20 |
|---|----|---|-----|---|------|---|------|

Q.23

What is the product ? [4 Marks]

$$1.9 \times 2.4 = \dots\dots\dots$$

|   |     |   |      |   |      |   |      |
|---|-----|---|------|---|------|---|------|
| A | 465 | B | 4.65 | C | 4.56 | D | 45.6 |
|---|-----|---|------|---|------|---|------|

Q.24

What is the product ? [4 Marks]

$$45 \times 17 = 765$$

$$45 \times 1.7 = \underline{\hspace{2cm}}$$

|   |      |   |      |   |     |   |       |
|---|------|---|------|---|-----|---|-------|
| A | 7.65 | B | 76.5 | C | 765 | D | 0.765 |
|---|------|---|------|---|-----|---|-------|

Q.25

Find the *quotient* ?

[4 Marks]

$$8000 \div 40 = \dots\dots\dots$$

|   |   |   |    |   |     |   |      |
|---|---|---|----|---|-----|---|------|
| A | 2 | B | 20 | C | 200 | D | 2000 |
|---|---|---|----|---|-----|---|------|