

## Semester (4) Exam Review Worksheet

### Mathematics, Grade 5

#### Topics Covered in the Exam:

- Perimeter: circle, rectangle, and square pages: 41 and 42 (volume 1).
- Area of a rectangle, a square, a right triangle. Application 1, page: 157/ applications 2, 3, and 4 page 158/ problems 1 and 2 page 159 (volume 2).
- Area of a disc applications 1, 2, and 3 pages 160 and 161 (volume 2)
- Multiplication by 10, 100, 1000, 0.1, 0.01, and 0.001 pages 168 and 169 (volume2).
- Division by 10, 100, and 1000 application 1 page 195 (volume 2).
- Exact decimal quotient. Application 2 page 198 (volume 2).
- Mixed numbers applications 1, 2, 3, 4, and 5 page 97 (volume 1).
- Mixed numbers applications 1 and 2 page 149 and problems 2 and 10 pages 150 and 151 (volume 2).
- Writing a fraction in its simplest form.
- Length conversion.

#### Practice Questions:

*Students must practice these questions at home and the solution keys would be reviewed in class afterwards.*

*This could be taken as a practice exam.*

**Question 1:**

Convert.

1)  $17.891 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

2)  $4430 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

3)  $96.2 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

4)  $56 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

5)  $32.32 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

6)  $74.35 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

7)  $8.8 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

8)  $69.369 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

**Question 2:**

A wire is bent to form a circle of diameter 8 cm.

- a) Find the area of this circle.

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- b) Find the perimeter of this circle. Find the result in cm and mm.

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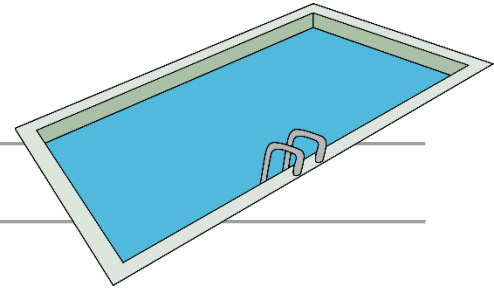
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**Question 3:**

A land has the shape of a square of a 30 m side. On this land we build a swimming pool in the shape of a rectangle of 10 m length and 5 m width.

Calculate the area of the land surrounding the swimming pool.



**Question 4:**

The perimeter of a square-shaped carpet is 36 m. Find its area.



**Question 5:**

A mirrored plate has 4 sides of equal length. Each side is 200 cm.

Find the perimeter of this mirror. Find the result in cm and in m.

**Question 6:**

Janine runs a business from her home. Last year she used 21,500 sheets of paper.

If Janine uses 10 times as much paper this year as she did last year, how much paper will she use this year?

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**Question 7:**

Divide.

Write the exact decimal quotient.

$978 \div 5$	$635 \div 2$

**Question 8:**

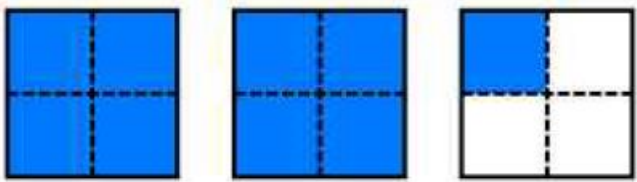
Write the following fractions in their simplest form.

$\frac{15}{6} =$ <input type="text"/>	$\frac{15}{12} =$ <input type="text"/>
$\frac{18}{12} =$ <input type="text"/>	$\frac{20}{16} =$ <input type="text"/>
$\frac{12}{4} =$ <input type="text"/>	$\frac{10}{4} =$ <input type="text"/>

**Question 9:**

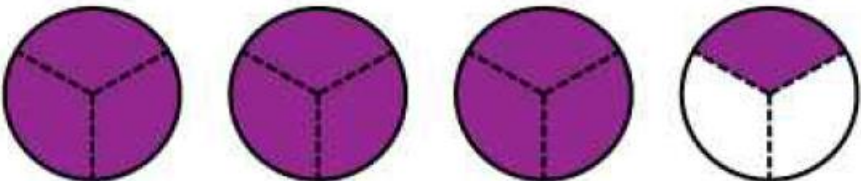
Write a mixed number to show what part of each illustration is shaded.

a.




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b.



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c.



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**Question 10:**

Compare (using <, >, and =).

- a) 1                       $\frac{8}{3}$
- b)  $\frac{7}{7}$                       2
- c) 2                         $1\frac{1}{2}$

**Question 11:**

Jad walks along  $5\frac{2}{5}$  km. He stops for 5 minutes, then she walks  $2\frac{1}{2}$  km. What is the distance covered?

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