



Ek Burapa School  
Mid Term Exam

Nickname: \_\_\_\_\_ Grade: 5 / \_\_\_\_ No: \_\_\_\_

Subject: Mathematics Semester: 2 Date: \_\_\_\_ / \_\_\_\_ / 2024

(This exam consists of 4 pages) Score: \_\_\_\_ / 20

Do NOT include the units with the answers.

1. Express each decimal as a percentage. (6 marks)

a)  $0.15 =$  \_\_\_\_\_ %

b)  $0.28 =$  \_\_\_\_\_ %

c)  $0.5 =$  \_\_\_\_\_ %

d)  $0.9 =$  \_\_\_\_\_ %

e)  $0.7 =$  \_\_\_\_\_ %

f)  $0.03 =$  \_\_\_\_\_ %

2. Express each percentage as a fraction in its *simplest* form. (6 marks)

a)  $5\% =$  \_\_\_\_\_

b)  $25\% =$  \_\_\_\_\_

c)  $75\% =$  \_\_\_\_\_

d)  $84\% =$  \_\_\_\_\_

e)  $67\% =$  \_\_\_\_\_

f)  $98\% =$  \_\_\_\_\_

**3. Please answer the following questions.**

**(4 marks)**

- (a) Chef Lee bought 20 kg of rice. He cooked 7 kg of it. What percentage of the rice did Chef Lee cook?

**Answer:** \_\_\_\_\_ %

- (b) There were 900 pupils in a school. 540 of them were boys. What percentage of the pupils in the school were boys?

**Answer:** \_\_\_\_\_ %

- (c) Frank earns \$800 a month. He spends \$240 of it on rent and saves the rest. What percentage of his money does he save?

**Answer:** \_\_\_\_\_ %

- (d) A monkey climbed  $3\frac{3}{5}$  metres up a coconut tree. It rested for a while and continued to climb another  $4\frac{2}{3}$  metres up the tree. How many total metres did the monkey climb?

**Answer:** \_\_\_\_\_ metres

**4. Convert to centimetres (cm). (4 marks)**

- (a)  $0.7 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$  (b)  $5.64 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$   
(c)  $8.675 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$  (d)  $90.08 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

**5. Convert to metres (m). (4 marks)**

- (a)  $60.5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$  (b)  $44.68 \text{ km} = \underline{\hspace{2cm}} \text{ m}$   
(c)  $0.128 \text{ km} = \underline{\hspace{2cm}} \text{ m}$  (d)  $4.033 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

**6. Convert to grams (g). (4 marks)**

- (a)  $27.7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$  (b)  $9.725 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$   
(c)  $70.09 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$  (d)  $766.4 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

**7. Convert to millilitres (ml). (4 marks)**

- (a)  $0.095 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$  (b)  $24.8 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$   
(c)  $99.09 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$  (d)  $60.58 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$

**8. Please complete the following by converting to a larger unit. (4 marks)**

- (a) A piece of rope measures 85.5 cm in length. Express, as a decimal, the length of the piece of rope in metres.

**Answer:**            metres

- (b) The height of Mount Everest is about 8,850 m. Express the height in km.

**Answer:**        \_\_\_\_\_ km

(c) A packet of rice has a mass of 2,500 g. Find the mass in kilograms.

**Answer:**        \_\_\_\_\_ kg

(d) A bottle contains 300 ml of juice. Express the volume of juice in the bottle in litres.

**Answer:**        \_\_\_\_\_ litres

**9. Please complete the following. (4 marks)**

(a) The mass of a coin is 7.5 g. Find the total mass of 50 of these coins.

**Answer:**        \_\_\_\_\_ grams

(b) 1 kg of fish cost \$8.75 and 1 kg of mutton cost \$9.00. A hawker bought 10 kg of fish and 5 kg of mutton. How much did he pay altogether?

**Answer:**        \$\_\_\_\_\_

(c) A man drinks 4 bottles of water each day. Each bottle contains 500 ml of water. How many litres does he drink in 7 days?

**Answer:**        \_\_\_\_\_ litres

(d) The usual price of a book was \$36. The book was sold at a 10% discount. What was the price of the book after the discount?

**Answer:**        \$\_\_\_\_\_