



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: \$_____