Multiplication and division in Measures of Mass

A. Choose the correct answer:

1. What is the total mass of 3 packets each weighing 2 kg 500 g

a. 7 kg

b. 6 kg 500 g

c. 7 kg 500 g

d. 8 kg

2. A sack of rice weighing 6 kg is divided equally into 3 parts. What is the weight of each part

a. 2 kg

b. 3 kg

c. 1 kg

d. 4 kg

3. Multiply 2 kg 250 g by 4

a. 9 kg

b. 8 kg

c. 9 kg 250 g

d. 8 kg 500 g

4. Divide 10 kg equally into 2 parts. What is the weight of each part

a. 4 kg

b. 6 kg

c. 5 kg

d. 8 kg

5. What is 5 times 1 kg 200 g

a. 5 kg 800 g

b. 6 kg

c. 6 kg 200 g

d. 6 kg 500 g

B. Write the Missing Terms to Complete the Sentences:

1. 2×3 kg 400 g =_____

2. 8 kg $\div$ 4 =_____

3. 3×2 kg 250 g =_____

4. 10 kg $\div$ 2 =_____

5. 5×1 kg 100 g =_____

C. Mark each sentence with a True (✔) or False (✗):

1. 2 kg $\times$ 3 = 6 kg _____

2. 9 kg $\div$ 3 = 4 kg _____
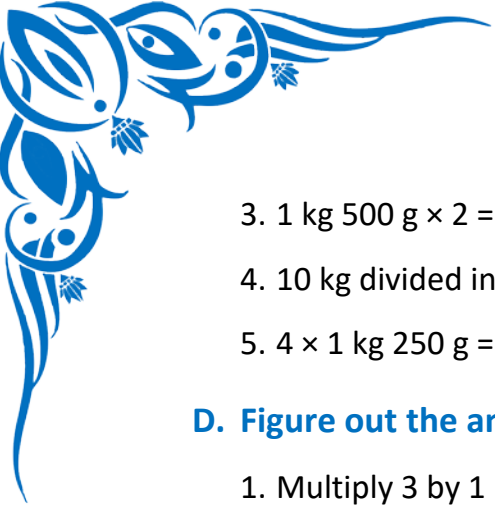
3. 1 kg 500 g × 2 = 3 kg   _____

4. 10 kg divided into 5 parts equals 2 kg each   _____

5. 4 × 1 kg 250 g = 5 kg   _____

D. Figure out the answers to these questions:

1. Multiply 3 by 1 kg 750 g and write the total weight.

2. A shopkeeper packs 2 kg 600 g of flour in each packet. How much flour is packed in 4 packets?

3. A watermelon weighing 9 kg is divided equally into 3 parts. What is the weight of each part?

4. Multiply 4 by 1 kg 500 g and then subtract 2 kg from the total.

5. A vendor has 6 kg 300 g of tomatoes and divides them into 3 equal parts. What is the weight of each part?

E. Challenge yourself with these questions:

1. Multiply 3 by 2 kg 100 g and write the total weight.

2. Divide 12 kg into 4 equal parts and find the mass of each part.

3. A bag of sugar weighs 1 kg 800 g. What is the total mass of 5 such bags?

4. A box weighing 9 kg 600 g is shared among 3 friends equally. How much does each get?

5. Multiply 2 kg 750 g by 3 and write the final mass.