23. How to divide decimal numbers without a calculator

Scenario Questions:

1. A bakery sold 4.5 kg of bread in 0.3 kg portions. How many portions were sold?

2. A toy store has 0.72 kg of modelling clay that needs to be divided into 0.08 kg packages. How many packages can be made?

3. A farmer harvested 3.6 kg of apples and wants to distribute them equally into 0.6 kg baskets. How many baskets can be filled?

4. A restaurant sold 0.99 litres of soup in 0.33 litre bowls. How many bowls were served?

5. A recipe requires 0.45 kg of sugar and each serving needs 0.05 kg. How many servings can be made?

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Scenario Questions:

6. A teacher has 7.2 litres of juice to distribute among 0.9 litre cups. How many cups can be filled?

7. A student has 0.36 litres of paint and wants to divide it equally into 0.12 litre containers. How many containers can be filled?

8. A mechanic used 2.7 litres of oil to service 0.09 litre engines. How many engines were serviced?

9. A store has 0.63 litres of cleaning solution and wants to divide it into 0.07 litre bottles. How many bottles can be filled?

10. A company produced 9.45 litres of hand sanitizer and wants to package it into 0.15 litre bottles. How many bottles can be filled?

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Scenario Questions: **Answers**

1. A bakery sold 4.5 kg of bread in 0.3 kg portions. How many portions were sold?

1. 15 portions

2. A toy store has 0.72 kg of modelling clay that needs to be divided into 0.08 kg packages. How many packages can be made?

2. 9 packages

3. A farmer harvested 3.6 kg of apples and wants to distribute them equally into 0.6 kg baskets. How many baskets can be filled?

3. 6 baskets

4. A restaurant sold 0.99 litres of soup in 0.33 litre bowls. How many bowls were served?

4. 3 bowls

5. A recipe requires 0.45 kg of sugar and each serving needs 0.05 kg. How many servings can be made?

5. 9 servings

6. A teacher has 7.2 litres of juice to distribute among 0.9 litre cups. How many cups can be filled?

6. 8 cups

7. A student has 0.36 litres of paint and wants to divide it equally into 0.12 litre containers. How many containers can be filled?

7. 3 containers

8. A mechanic used 2.7 litres of oil to service 0.09 litre engines. How many engines were serviced?

8. 30 engines

9. A store has 0.63 litres of cleaning solution and wants to divide it into 0.07 litre bottles. How many bottles can be filled?

9. 9 bottles

10. A company produced 9.45 litres of hand sanitizer and wants to package it into 0.15 litre bottles. How many bottles can be filled?

10. 63 bottles