

# DIVIDING FRACTIONS (PROBLEMS)

You have to find the reciprocal of a common fraction in order to divide fractions. The reciprocal of a common fraction is its invert.

Example:

The reciprocal of

$$\frac{3}{4} \text{ is } \frac{4}{3}$$

Practice

## 1. QUESTION

Find the reciprocal of each number.

$$\frac{1}{4} =$$

---

$$\frac{2}{3} =$$

---

$$\frac{7}{9} =$$

---

$$4 =$$

---

$$1\frac{1}{3} =$$

## 2. QUESTION

Calculate.

$$2\frac{1}{6} \div 4 =$$

---

$$\frac{2}{7} \div \frac{1}{3} =$$

---

$$\frac{2}{5} \div 2\frac{4}{5} =$$

---

$$2 \div \frac{1}{2} =$$

---

$$\frac{5}{6} \div \frac{2}{5} =$$

## 3. QUESTION

How many  $\frac{1}{4}$  litres of orange juice can I get from 4 litres of orange juice?

Working:

Answer = \_\_\_\_\_

## 4. QUESTION

How many one-fifths slices of pizzas can I obtain from 7 pizzas?



Working:

Answer = \_\_\_\_\_

**5. QUESTION**

A dress length measures  $2\frac{2}{3}$  metres. How many dress lengths can be cut from a roll of material

Answer = \_\_\_\_\_