Importante.
$$a = b = a - \frac{1}{b}$$
.

Si b es una Fracción, multiplicamos por el reciproco de la Fracción.

Idea El reciproco de a es ba. (se invierte).

Problemas (personal)

$$4.16) \frac{3}{7} \div 2 = \frac{3}{7} \cdot \frac{1}{2} = \frac{3}{14}$$

$$4.17)$$

$$(\alpha) \frac{2}{3} \cdots \left(\frac{2}{3}\right)^{7} = \boxed{\frac{3}{2}}$$

$$4.18)$$
 $3 \div \frac{5}{8} = 3.8 = \frac{24}{5}$

$$4.19) \frac{2}{7} \div \frac{9}{5} = \frac{2}{7} \cdot \frac{5}{9} = \frac{10}{63}$$

$$\frac{14/3}{-2/q} = \frac{14}{3} \div -\frac{2}{q} = \frac{14}{3} \cdot \frac{3}{2}$$

$$= -21$$

$$\frac{4.21}{5} \cdot ? = 32$$

$$\frac{7}{2^4 - 5} = \frac{4}{80}$$

$$\frac{2}{8} \cdot 2^4 \cdot 8^1 = 2^5$$

$$\frac{20}{3} \cdot x = 60$$

$$x = 3 \cdot 3 = q$$

Etercicios

$$4.3.1$$
 (a) $\frac{3}{5} \div 2 = \frac{3}{5} \cdot \frac{1}{2} = \frac{3}{10}$

(6)
$$7 \div \frac{7}{8} = 7 \cdot \frac{8}{7} = 8$$

(c)
$$\frac{14/3}{5/4} = \frac{14}{3} \div \frac{5}{4} = \frac{14}{3} \cdot \frac{4}{5} = \frac{56}{15}$$

$$(d)\left(-\frac{5}{6}\right) \div \left(-\frac{12}{7}\right) = \frac{5}{6} \cdot \frac{7}{12} = \frac{35}{72}$$

$$\frac{3}{7} \div \frac{7}{3} = \frac{3}{7} \cdot \frac{3}{7} = \frac{9}{49}$$

$$4.3.3$$
) $\times = \frac{3}{4}$ $36 \div \frac{3}{4} = \frac{3}{3}6 \cdot \frac{4}{3} = 48$

$$(a) = \frac{2}{3} \cdot x = 40$$

$$x = 3.20$$

$$x = 60$$

(b)
$$\frac{q}{s} = \frac{2}{3} \cdot \times \times \times = \frac{27}{2 \cdot 5} = \frac{27}{10}$$

4.3.5)

(a)
$$\frac{6}{7}$$
 $\frac{1}{1}$ $\times = \frac{3}{7}$ $\frac{6}{7}$ $\frac{6}{7}$ $\frac{6}{7}$ $\frac{6}{7}$ $\frac{6}{7}$ $\frac{6}{7}$ $\frac{7}{7}$ $\frac{7}{7}$

$$\frac{6}{7} \div x = \frac{6}{5}$$

$$\frac{6}{7} \cdot \frac{\alpha}{6} = \frac{6}{5} \qquad \frac{\alpha}{6} = \frac{7}{5} \qquad x = \boxed{\frac{5}{7}}$$

(c)
$$\frac{6}{7} \div x = \frac{2}{3}$$
 $\frac{6}{7} \cdot \frac{a}{6} = \frac{2}{3}$ $\frac{a}{6} = \frac{7}{3 \cdot 3} = \frac{7}{9}$

$$4.3.6$$
) $\times \div \frac{3}{5} = 20$

$$\times \cdot \frac{5}{3} = 20 \qquad \times = \frac{3 \cdot 26}{8} = \boxed{12}$$

$$(\times \cdot \frac{3}{4}) \stackrel{\cdot}{\cdot} \frac{3}{5} = \times \cdot \frac{3}{4} \cdot \frac{5}{3}$$

$$= \times \cdot \left[\frac{5}{4}\right]$$

$$\frac{2}{3} \cdot \times = 6$$
 $\times = 3 \cdot 3$
 $\times = 9$