Def. Una Fracción en su Forma más simple tiene numerador 9 denominador sin divisores en común diferentes de 1.

Problemas (individual)

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4.27)
$$\frac{12}{30} = \frac{2}{5}$$
s

$$4.28) \quad (ac) \div (bc) = a \div b$$

$$ac \cdot \frac{1}{bc} = a \cdot \frac{1}{b} \cdot (c \cdot \frac{1}{c})$$

 $\frac{1}{L} = \frac{\alpha}{L}$

$$\frac{225}{540} = \frac{5.45}{5.109} = \frac{45}{108} = \frac{9.5}{9.12} = \frac{5}{12}$$

$$(a) \frac{3}{8} \cdot \frac{3}{8} = \boxed{\frac{9}{8}}$$

$$\frac{1}{8}$$

$$\frac{24}{32}$$

$$\frac{36}{45}$$

$$\frac{36}{45}$$

$$\frac{36}{5}$$

$$\begin{array}{c} 2 \\ 2 \\ - \frac{2}{40} \\ - \frac{2}{27} \\ 0 \end{array} \begin{array}{c} 2 \\ 1/60 \\ 9 \\ 4 \end{array}$$

$$\frac{34}{33} \div \frac{51}{44} = \frac{34}{33} \cdot \frac{44}{51}$$

$$X = \frac{64}{96} = \frac{32}{48} = \frac{16}{24} = \frac{4}{6} = \frac{2}{3}$$

$$(a) \frac{2 \cdot 5^2}{3 \cdot 5^3} = \frac{2}{15}$$

$$\frac{(6)}{3 \cdot 7^{3}} = \frac{2}{21}$$

(c)
$$\frac{2x^2}{3x^3} = \frac{x^2}{x^3} \cdot \frac{z}{3} = \frac{1}{x} \cdot \frac{z}{3} = \frac{2}{3x}$$

$$\frac{4.33}{16c^{3}\delta} = \frac{5\delta}{2c^{2}}$$

Ejercicios

$$(a) \frac{36}{27} = \frac{4}{3}$$

Exercicios

64

136

4.5.1)

(a)
$$\frac{36}{27} = \frac{4}{3}$$

(b) $\frac{286}{304} = \frac{64}{36} = \frac{16}{19}$

152

192

192

194

$$\frac{24}{4800} = \frac{24}{60} = \frac{6}{15} = \frac{2}{5}$$

$$(d) \frac{1260}{1008} = \frac{313}{252} = \frac{105}{84} = \frac{5}{4}$$

$$\frac{(a)}{80} \cdot \frac{24}{49} = \frac{\cancel{8} \cdot \cancel{3} \cdot \cancel{7} \cdot \cancel{2} \cdot \cancel{2}}{\cancel{8} \cdot \cancel{5} \cdot \cancel{7} \cdot \cancel{7} \cdot \cancel{2}} = \frac{\cancel{3} \cdot \cancel{2}}{\cancel{5} \cdot \cancel{7}} = \frac{\cancel{6}}{\cancel{3} \cdot \cancel{5}}$$

$$\frac{(6)}{34} \frac{88}{34} - \frac{44}{51} = \frac{28}{34} \cdot \frac{3}{44} = \boxed{3}$$

$$\frac{400}{39} - \frac{1300}{9} - \frac{400}{39} - \frac{3}{1309} = \frac{12}{169}$$

4.5.3)

$$\frac{(a)}{2ab} = 2a^2$$

$$\frac{2}{2} \frac{1}{2} \frac{1}$$

$$\frac{3}{4}, \frac{4}{5}, \frac{5}{4}, \frac{6}{7}, \frac{7}{8}, \frac{8}{9}, \frac{7}{10}, \frac{10}{12}$$

$$\frac{3}{17} = \frac{1}{4}$$

$$\frac{42 \times 8 \times 6}{35 \times 295} = \frac{6 \left(\frac{5}{4}\right)}{5} = \frac{3}{5 \cdot 4} = \frac{3}{2}$$