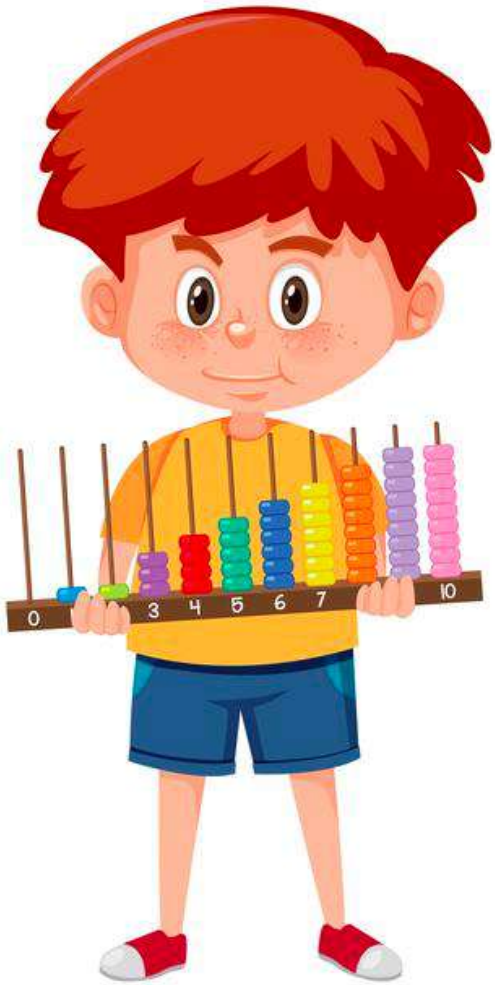
Mit hæfte om brøker



Mit navn:

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Plus brøker

Husk!

$$\frac{3}{5} + \frac{4}{5} = \frac{7}{5}$$

- $\frac{2}{4} + \frac{4}{4} = \frac{\square}{4}$
- $\frac{2}{5} + \frac{4}{5} = \frac{\square}{5}$
- $\frac{2}{6} + \frac{4}{6} = \frac{\square}{6}$
- $\frac{2}{8} + \frac{4}{8} = \frac{\square}{8}$
- $\frac{2}{3} + \frac{4}{3} = \frac{\square}{3}$
- $\frac{2}{4} + \frac{4}{4} = \frac{\square}{4}$
- $\frac{2}{5} + \frac{4}{5} = \frac{\square}{5}$
- $\frac{2}{10} + \frac{4}{10} = \frac{\square}{10}$
- $\frac{2}{7} + \frac{4}{7} = \frac{\square}{7}$
- $\frac{2}{6} + \frac{4}{6} = \frac{\square}{6}$
- $\frac{2}{9} + \frac{4}{9} = \frac{\square}{9}$
- $\frac{2}{9} + \frac{4}{9} = \frac{\square}{9}$
- $\frac{2}{12} + \frac{4}{12} = \frac{\square}{12}$
- $\frac{2}{12} + \frac{4}{12} = \frac{\square}{12}$

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Forkort brøker

$$\frac{8}{12}$$

forkort med

(1, 2, 4)

Husk!

Forkort brøken ved at dividere med samme tal i tæller og nævner.

$$\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$$

$\frac{24}{30} = \frac{\quad}{\quad}$	$\frac{18}{30} = \frac{\quad}{\quad}$	$\frac{4}{12} = \frac{\quad}{\quad}$	$\frac{5}{20} = \frac{\quad}{\quad}$
$\frac{3}{9} = \frac{\quad}{\quad}$	$\frac{6}{18} = \frac{\quad}{\quad}$	$\frac{6}{12} = \frac{\quad}{\quad}$	$\frac{4}{8} = \frac{\quad}{\quad}$
$\frac{3}{15} = \frac{\quad}{\quad}$	$\frac{10}{20} = \frac{\quad}{\quad}$	$\frac{18}{36} = \frac{\quad}{\quad}$	$\frac{48}{56} = \frac{\quad}{\quad}$

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Plus brøker

$$\frac{1}{3} + \frac{1}{6}$$

$$\frac{1}{3} + \frac{1}{6} = \frac{1^{\times 6}}{3^{\times 6}} + \frac{1^{\times 3}}{6^{\times 3}}$$

$$= \frac{6}{18} + \frac{3}{18} = \frac{9}{18}$$

$$\frac{2}{4} + \frac{4}{3}$$

$$= \frac{2^{\times 3}}{4^{\times 3}} + \frac{4^{\times 4}}{3^{\times 4}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$\frac{4}{5} + \frac{5}{15}$$

$$= \frac{4^{\times 3}}{5^{\times 3}} + \frac{5^{\times 1}}{15^{\times 1}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$\frac{3}{4} + \frac{1}{3}$$

$$= \frac{3^{\times 3}}{4^{\times 3}} + \frac{1^{\times 4}}{3^{\times 4}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$\frac{2}{2} + \frac{2}{8}$$

$$= \frac{2^{\times 4}}{2^{\times 4}} + \frac{2^{\times 1}}{8^{\times 1}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$\frac{5}{6} + \frac{2}{4}$$

$$= \frac{5^{\times 2}}{6^{\times 2}} + \frac{2^{\times 3}}{4^{\times 3}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

$$\frac{2}{6} + \frac{1}{2}$$

$$= \frac{2^{\times 1}}{6^{\times 1}} + \frac{1^{\times 3}}{2^{\times 3}}$$

$$= \frac{\quad}{\quad} + \frac{\quad}{\quad}$$

$$= \frac{\quad}{\quad}$$

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Forkort brøker

- $\frac{24}{30} = \frac{\square}{\square}$
- $\frac{18}{15} = \frac{\square}{\square}$
- $\frac{3}{15} = \frac{\square}{\square}$
- $\frac{49}{89} = \frac{\square}{\square}$
- $\frac{12}{24} = \frac{\square}{\square}$
- $\frac{18}{30} = \frac{\square}{\square}$
- $\frac{18}{36} = \frac{\square}{\square}$
- $\frac{12}{44} = \frac{\square}{\square}$
- $\frac{35}{55} = \frac{\square}{\square}$
- $\frac{16}{80} = \frac{\square}{\square}$
- $\frac{72}{96} = \frac{\square}{\square}$
- $\frac{20}{70} = \frac{\square}{\square}$

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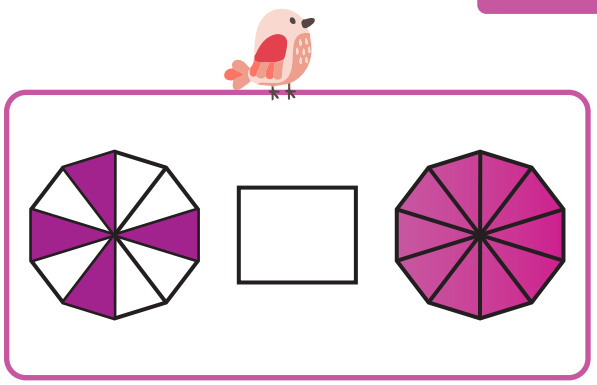
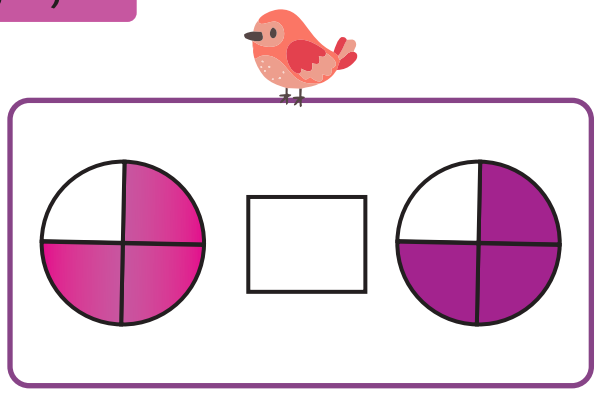
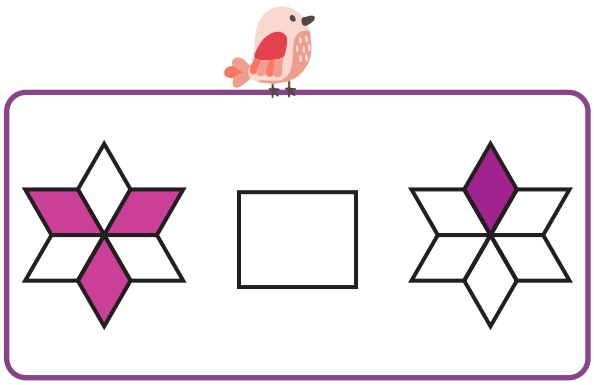
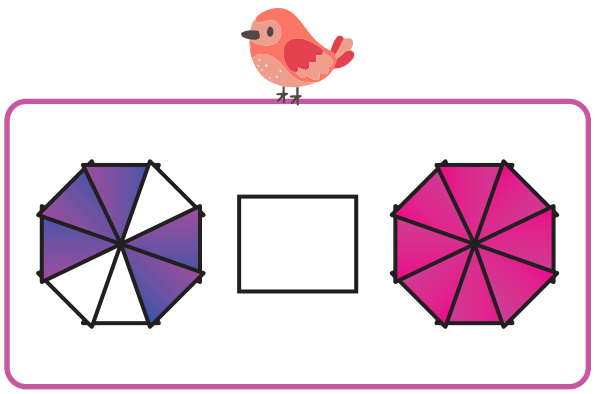
Sammenlign brøker

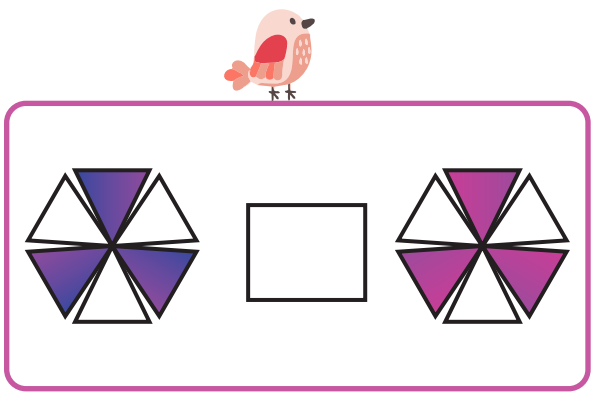
Brug <,>,=

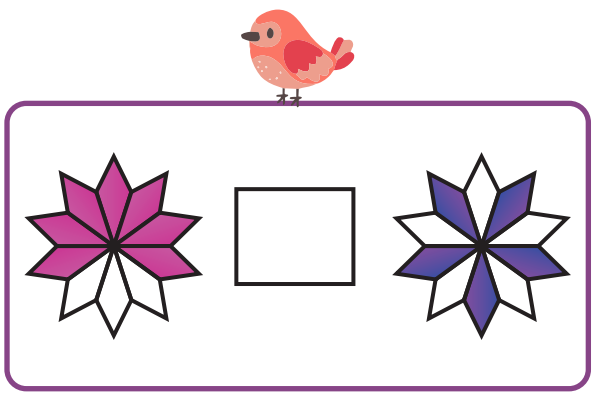


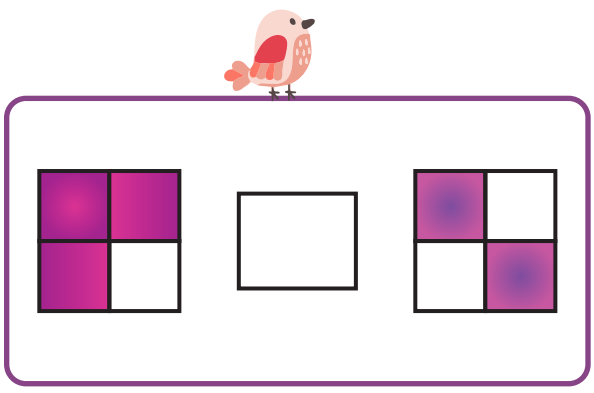


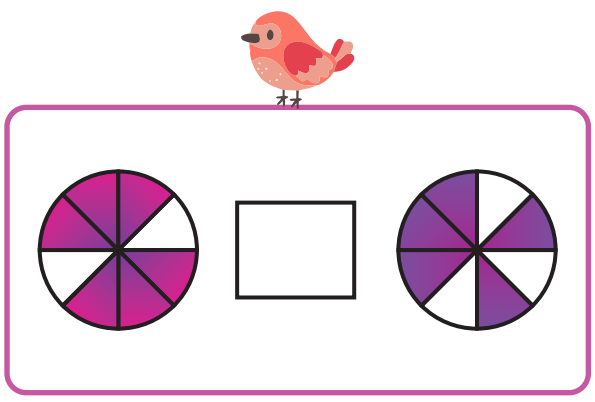












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Gang brøker

Husk!

$$\frac{1}{3} \times \frac{4}{5} = \frac{1 \times 4}{3 \times 5} = \frac{4}{15}$$

$\frac{5}{6} \times \frac{3}{6} = \frac{\square}{12}$

$\frac{3}{4} \times \frac{4}{6} = \frac{\square}{24}$

$\frac{4}{3} \times \frac{1}{8} = \frac{\square}{24}$

$\frac{2}{5} \times \frac{3}{2} = \frac{\square}{10}$

$\frac{2}{4} \times \frac{2}{7} = \frac{\square}{28}$

$\frac{2}{5} \times \frac{1}{3} = \frac{\square}{15}$

$\frac{2}{8} \times \frac{3}{5} = \frac{6}{\square}$

$\frac{4}{8} \times \frac{3}{5} = \frac{12}{\square}$

$\frac{5}{6} \times \frac{2}{7} = \frac{10}{\square}$

$\frac{1}{4} \times \frac{3}{5} = \frac{3}{\square}$

$\frac{3}{3} \times \frac{2}{5} = \frac{6}{\square}$

$\frac{5}{7} \times \frac{3}{5} = \frac{15}{\square}$

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Gange med brøker

$$1\frac{5}{6} \times 25$$

$$1\frac{5}{6} \times 25 = \frac{6 \times 1 + 5}{6}$$

$$\frac{11}{6} \times 25 = \frac{11 \times 25}{6}$$

$$\frac{275}{6} = 45\frac{8}{6}$$

$$3\frac{1}{3} \times 15$$

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

$$8\frac{1}{5} \times 8$$

$$= \frac{8 \times 5 + 1}{5}$$

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Gang brøker

husk

$$\frac{1}{3} \times \frac{4}{5} = \frac{1 \times 4}{3 \times 5} = \frac{4}{15}$$

- $\frac{1}{3} \times \frac{4}{5} = \frac{\square}{15}$
- $\frac{3}{4} \times \frac{6}{5} = \frac{\square}{20}$
- $\frac{2}{4} \times \frac{7}{3} = \frac{\square}{12}$
- $\frac{2}{5} \times \frac{5}{2} = \frac{\square}{10}$
- $\frac{7}{1} \times \frac{3}{2} = \frac{\square}{2}$
- $\frac{9}{2} \times \frac{1}{6} = \frac{\square}{12}$
- $\frac{4}{4} \times \frac{1}{7} = \frac{\square}{28}$
- $\frac{6}{2} \times \frac{4}{5} = \frac{24}{\square}$
- $\frac{1}{4} \times \frac{2}{4} = \frac{2}{\square}$
- $\frac{5}{3} \times \frac{2}{3} = \frac{10}{\square}$
- $\frac{8}{2} \times \frac{1}{4} = \frac{8}{\square}$
- $\frac{3}{6} \times \frac{5}{1} = \frac{15}{\square}$
- $\frac{5}{2} \times \frac{7}{3} = \frac{35}{\square}$
- $\frac{5}{2} \times \frac{2}{4} = \frac{10}{\square}$

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Gange med brøker

$\frac{2}{7} \times 3$

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

$= \frac{2 \times 3}{7 \times 1} = \frac{6}{7}$

$\frac{2}{7} \times 3$

$\frac{9}{6} \times 8$

$\frac{3}{10} \times 11$

$\frac{3}{4} \times 12$

$\frac{2}{5} \times 10$

$\frac{5}{9} \times 6$

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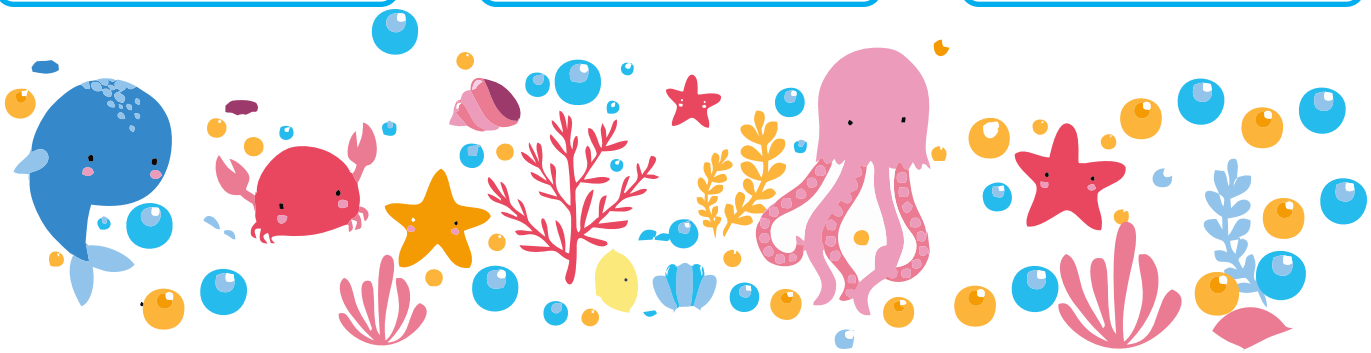
Gange med brøker

$8\frac{4}{5} \times 10$

$7\frac{5}{8} \times 12$

$3\frac{1}{6} \times 8$



$1\frac{1}{2} \times 9$

$3\frac{3}{6} \times 2$

$5\frac{2}{4} \times 7$

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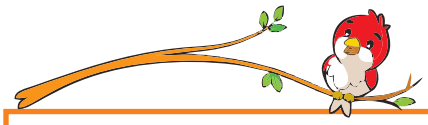
Sammenlign brøker

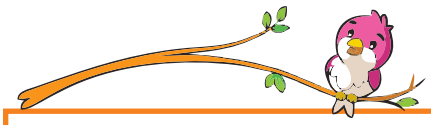
Farv figuren med største brøk eller tal med rød og den mindste med grøn.

Tip! Tegn dem på en linie.

$\frac{5}{15}$ $\frac{3}{6}$ $\frac{10}{10}$ $\frac{2}{20}$ $\frac{9}{30}$



$\frac{4}{10}$ 5 7 $\frac{2}{4}$ $\frac{9}{10}$



$\frac{1}{5}$ $\frac{8}{12}$ $\frac{20}{20}$ $\frac{7}{14}$ $\frac{3}{4}$

$\frac{6}{8}$ $\frac{5}{20}$ $\frac{2}{8}$ $\frac{3}{3}$ $\frac{6}{24}$

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Sammenlign brøker

Brug <,>,=

- $\frac{3}{4} \bigcirc \frac{1}{4}$
- $\frac{6}{9} \bigcirc \frac{4}{9}$
- $\frac{2}{10} \bigcirc \frac{8}{10}$
- $\frac{3}{5} \bigcirc \frac{9}{5}$
- $\frac{5}{6} \bigcirc \frac{33}{44}$
- $\frac{4}{12} \bigcirc \frac{2}{4}$
- $\frac{4}{6} \bigcirc \frac{7}{8}$
- $\frac{8}{7} \bigcirc \frac{11}{7}$
- $\frac{4}{10} \bigcirc \frac{4}{10}$
- $\frac{3}{4} \bigcirc \frac{3}{6}$
- $\frac{7}{11} \bigcirc \frac{2}{4}$
- $\frac{80}{100} \bigcirc \frac{4}{5}$
- $\frac{4}{16} \bigcirc \frac{12}{24}$
- $\frac{5}{15} \bigcirc \frac{1}{3}$

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Dividere med brøker

$\frac{4}{5} \div 7$

$= \frac{4}{5} \div \frac{7}{1}$

behold byt

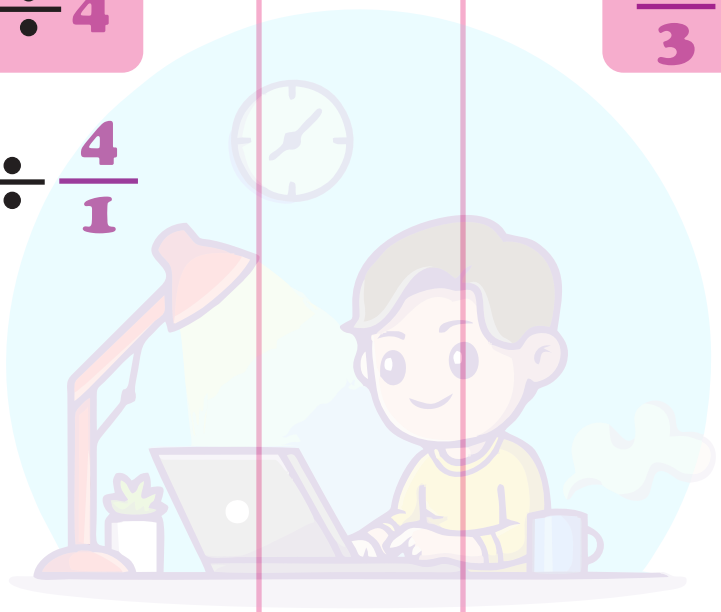
$\frac{4}{5} \times \frac{1}{7} = \frac{4 \times 1}{5 \times 7}$

$= \frac{4}{35}$

$\frac{5}{9} \div 4$

$= \frac{5}{9} \div \frac{4}{1}$

$\frac{2}{3} \div 9$



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Dividere med brøker

Udregn regnestykkerne

$\frac{5}{9} \div 3$

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

$\frac{7}{6} \div 6$

$\frac{5}{6} \div \frac{3}{5}$

$\frac{3}{4} \div \frac{9}{5}$

$\frac{2}{3} \div \frac{4}{5}$

$\frac{7}{8} \div 5$

$\frac{6}{7} \div \frac{3}{1}$

$\frac{2}{5} \div 8$

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Dividere med brøker

$$\frac{3}{10} \div \frac{2}{3}$$

behold byt

$$\frac{3}{10} \times \frac{3}{2} = \frac{3 \times 3}{10 \times 2}$$

$$= \frac{9}{20}$$

$\frac{5}{7} \div \frac{5}{1}$

$\frac{5}{8} \div \frac{3}{7}$

$\frac{8}{3} \div \frac{2}{4}$

$\frac{5}{7} \div \frac{7}{5}$

$\frac{2}{9} \div \frac{7}{9}$

$\frac{4}{9} \div \frac{3}{1}$

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