

Simplifying Fractions

NO WORK; NO CREDIT. - NO CALCULATOR -

What Did George Washington Say To His Men On March 3?



Write each fraction in lowest terms. Find your answer in the adjacent answer columns. Write the letter of the exercise in the box containing the number of the answer.

(W) $\frac{3}{9} \div \frac{3}{3} = \frac{1}{3}$

(O) $\frac{2}{8} \div \frac{2}{2} = \frac{1}{4}$

(L) $\frac{5}{10} \div \frac{5}{5} = \frac{1}{2}$

(T) $\frac{4}{6} \div \frac{2}{2} = \frac{2}{3}$

(H) $\frac{9}{12} \div \frac{3}{3} = \frac{3}{4}$

(R) $\frac{10}{25} \div \frac{5}{5} = \frac{2}{5}$

Answers:

(12) $\frac{3}{5}$ (25) $\frac{1}{4}$

(5) $\frac{2}{5}$ (1) $\frac{2}{3}$

(10) $\frac{1}{3}$ (19) $\frac{5}{6}$

(22) $\frac{3}{4}$ (16) $\frac{1}{2}$

(I) $\frac{3}{24} \div \frac{3}{3} = \frac{1}{8}$

(T) $\frac{8}{18} \div \frac{2}{2} = \frac{4}{9}$

(O) $\frac{9}{15} \div \frac{3}{3} = \frac{3}{5}$

(R) $\frac{7}{21} \div \frac{7}{7} = \frac{1}{3}$

(W) $\frac{10}{12} \div \frac{2}{2} = \frac{5}{6}$

(L) $\frac{4}{8} \div \frac{4}{4} = \frac{1}{2}$

Answers:

(4) $\frac{3}{5}$ (17) $\frac{3}{4}$

(2) $\frac{2}{3}$ (15) $\frac{1}{2}$

(20) $\frac{1}{3}$ (27) $\frac{4}{9}$

(14) $\frac{1}{8}$ (8) $\frac{5}{6}$

(R) $\frac{10}{16} \div \frac{2}{2} = \frac{5}{8}$

(H) $\frac{15}{20} \div \frac{5}{5} = \frac{3}{4}$

(E) $\frac{3}{30} \div \frac{3}{3} = \frac{1}{10}$

(O) $\frac{12}{14} \div \frac{2}{2} = \frac{6}{7}$

(M) $\frac{16}{20} \div \frac{4}{4} = \frac{4}{5}$

(W) $\frac{6}{36} \div \frac{6}{6} = \frac{1}{6}$

Answers:

(11) $\frac{1}{10}$ (6) $\frac{5}{8}$

(9) $\frac{3}{8}$ (18) $\frac{4}{5}$

(13) $\frac{1}{6}$ (28) $\frac{3}{4}$

(2) $\frac{6}{7}$ (12) $\frac{2}{5}$

(O) $\frac{20}{30} \div \frac{10}{10} = \frac{2}{3}$

(C) $\frac{8}{16} \div \frac{8}{8} = \frac{1}{2}$

(F) $\frac{10}{45} \div \frac{5}{5} = \frac{2}{9}$

(M) $\frac{14}{20} \div \frac{2}{2} = \frac{7}{10}$

(A) $\frac{15}{36} \div \frac{3}{3} = \frac{5}{12}$

(R) $\frac{21}{56} \div \frac{7}{7} = \frac{3}{8}$

Answers:

(19) $\frac{5}{12}$ (24) $\frac{2}{9}$

(7) $\frac{2}{3}$ (23) $\frac{3}{5}$

(26) $\frac{3}{8}$ (3) $\frac{7}{10}$

(17) $\frac{2}{7}$ (21) $\frac{1}{2}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
T	O	M	O	R	R	O	W		W	E		W	I	L	L		M	A	R	C	H		F	O	R	T	H

NO WORK; NO CREDIT.

Why Did the Magician Take Up Fishing?



Write each fraction in simplest form. Find your answer to the right and mark the letter next to it. For each set of exercises, there is one extra answer. Write the letter of this answer in each box containing the exercise number.

1	$\frac{15}{25}$	$\frac{18}{27}$	$-\frac{4}{16}$	K $-\frac{1}{4}$	B $\frac{3}{5}$	O $-\frac{3}{8}$	V $\frac{2}{3}$
2	$\frac{24}{32}$	$-\frac{30}{75}$	$\frac{14}{26}$	N $\frac{4}{7}$	L $\frac{7}{13}$	F $\frac{3}{4}$	U $-\frac{2}{5}$
3	$\frac{130}{150}$	$\frac{15}{27}$	$\frac{36}{96}$	R $\frac{5}{9}$	G $\frac{9}{16}$	Y $\frac{3}{8}$	P $\frac{13}{15}$
4	$\frac{-8}{28}$	$-\frac{35}{60}$	$\frac{34}{68}$	S $-\frac{7}{12}$	T $-\frac{2}{7}$	H $\frac{7}{15}$	W $\frac{1}{2}$
5	$\frac{22}{99}$	$\frac{75}{100}$	$\frac{30}{72}$	J $\frac{2}{9}$	C $\frac{5}{12}$	E $\frac{3}{4}$	L $\frac{6}{11}$
6	$-\frac{49}{63}$	$-\frac{50}{250}$	$-\frac{36}{44}$	W $-\frac{3}{10}$	R $-\frac{1}{5}$	I $-\frac{7}{9}$	F $-\frac{9}{11}$
7	$\frac{18}{180}$	$\frac{16}{64}$	$\frac{15}{51}$	M $\frac{5}{17}$	D $\frac{3}{14}$	K $\frac{1}{4}$	T $\frac{1}{10}$
8	$\frac{4n^2}{6n}$	$\frac{6n}{15n^2}$	$\frac{16n^3}{40n}$	A $\frac{2n^2}{5}$	E $\frac{2n}{3}$	R $\frac{2}{5n}$	I $\frac{2}{5n^3}$
9	$\frac{6x^2}{8xy}$	$\frac{3xy}{9y^2}$	$\frac{15xy^2}{20y^2}$	S $\frac{x}{3y}$	F $\frac{3x}{4}$	T $\frac{x}{3y^2}$	Y $\frac{3x}{4y}$
10	$\frac{4ab^3}{20a^2b}$	$\frac{14a^3b^2}{21ab}$	$\frac{24a^3}{36ab}$	B $\frac{2a^2}{3b}$	M $\frac{b}{5a^2}$	K $\frac{b^2}{5a}$	C $\frac{2a^2b}{3}$
11	$\frac{15w^5}{18w^2}$	$\frac{7w}{10w^4}$	$\frac{24w^7}{48w^2}$	V $\frac{5w^3}{6}$	J $\frac{w^5}{2}$	R $\frac{2w^4}{3}$	S $\frac{7}{10w^3}$
12	$\frac{12x^5y^2}{32xy^3}$	$\frac{11xy^5}{77xy}$	$\frac{45xy^2}{72x^4y^2}$	C $\frac{5y^4}{8x^2}$	S $\frac{3x^4}{8y}$	F $\frac{y^4}{7}$	P $\frac{5}{8x^3}$
13	$\frac{6pq}{30p^2q^4}$	$\frac{20p^3q^{10}}{45p^3q^{10}}$	$\frac{p^8q}{5pq^3}$	E $\frac{4}{9}$	A $\frac{4p^7}{9q^2}$	U $\frac{p^7}{5q^2}$	K $\frac{1}{5pq^3}$
14	$\frac{a^2b^5c}{abc^4}$	$\frac{ab^3c^8}{a^2b^2c^2}$	$\frac{a^9b^2c^4}{ab^2c^6}$	S $\frac{a^8}{c^2}$	Y $\frac{ab^4}{c^3}$	E $\frac{ab^6}{c^2}$	F $\frac{bc^6}{a}$

4 14 6 13 2 9 14 7 9 1 7 1 11 14 14 5 10 13 3 8 12
 H E W A N T E D T O D O R E E L M A G I C