

Week 19

A

Find the missing numerator or denominator.

1	$\frac{1 \times 2}{2 \times 2} = \frac{2}{4}$	23	$\frac{7 \times 4}{3 \times 12} = \frac{28}{36}$	$\frac{1}{3} = \frac{4}{12}$
2	$\frac{1 \times 2}{5 \times 2} = \frac{2}{10}$	24	$\frac{2 \times 4}{3 \times 12} = \frac{8}{36}$	$\frac{2}{3} = \frac{8}{12}$
3	$\frac{2 \times 2}{5 \times 10} = \frac{4}{50}$	25	$\frac{8 \times 4}{12 \times 43} = \frac{32}{516}$	$\frac{8}{12} = \frac{2}{3}$
4	$\frac{3 \times 2}{5 \times 10} = \frac{6}{50}$	26	$\frac{12 \times 43}{16 \times 4} = \frac{516}{64}$	$\frac{12}{16} = \frac{3}{4}$
5	$\frac{4 \times 2}{5 \times 10} = \frac{8}{50}$	27	$\frac{3 \times 5}{5 \times 25} = \frac{15}{125}$	$\frac{3}{5} = \frac{15}{25}$
6	$\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$	28	$\frac{4 \times 728}{5 \times 7} = \frac{2912}{35}$	$\frac{4}{5} = \frac{28}{35}$
7	$\frac{2 \times 2}{3 \times 6} = \frac{4}{18}$	29	$\frac{18 \times 63}{24 \times 6} = \frac{1134}{144}$	$\frac{18}{24} = \frac{3}{4}$
8	$\frac{1 \times 3}{3 \times 3} = \frac{3}{9}$	30	$\frac{24 \times 6}{30 \times 5} = \frac{144}{150}$	$\frac{24}{30} = \frac{4}{5}$
9	$\frac{2 \times 3}{3 \times 9} = \frac{6}{27}$	31	$\frac{5 \times 735}{6 \times 7} = \frac{3675}{42}$	$\frac{5}{6} = \frac{35}{42}$
10	$\frac{1 \times 2}{4 \times 8} = \frac{2}{32}$	32	$\frac{56 \times 7}{63 \times 19} = \frac{392}{1197}$	$\frac{56}{63} = \frac{8}{9}$
11	$\frac{3 \times 2}{4 \times 8} = \frac{6}{32}$	33	$\frac{64 \times 88}{72 \times 9} = \frac{5632}{648}$	$\frac{64}{72} = \frac{8}{9}$
12	$\frac{1 \times 3}{4 \times 3} = \frac{3}{12}$	34	$\frac{5 \times 8}{8 \times 64} = \frac{40}{512}$	$\frac{5}{8} = \frac{40}{64}$
13	$\frac{3 \times 3}{4 \times 3} = \frac{9}{12}$	35	$\frac{5 \times 945}{6 \times 9} = \frac{4725}{54}$	$\frac{5}{6} = \frac{45}{54}$
14	$\frac{2 \times 2}{4 \times 2} = \frac{4}{8}$	36	$\frac{45 \times 9}{81 \times 99} = \frac{405}{8019}$	$\frac{45}{81} = \frac{5}{9}$
15	$\frac{2 \times 2}{6 \times 2} = \frac{4}{12}$	37	$\frac{6 \times 848}{7 \times 8} = \frac{5088}{56}$	$\frac{6}{7} = \frac{48}{56}$
16	$\frac{2 \times 2}{10 \times 2} = \frac{4}{20}$	38	$\frac{36 \times 9}{81 \times 99} = \frac{324}{8019}$	$\frac{36}{81} = \frac{4}{9}$
17	$\frac{4 \times 2}{10 \times 25} = \frac{8}{250}$	39	$\frac{8 \times 81}{56 \times 8} = \frac{648}{448}$	$\frac{8}{56} = \frac{1}{7}$
18	$\frac{8 \times 2}{10 \times 25} = \frac{16}{250}$	40	$\frac{35 \times 75}{63 \times 7} = \frac{2625}{441}$	$\frac{35}{63} = \frac{5}{9}$
19	$\frac{3 \times 3}{9 \times 33} = \frac{9}{297}$	41	$\frac{1 \times 12}{6 \times 12} = \frac{12}{72}$	$\frac{1}{6} = \frac{12}{72}$
20	$\frac{6 \times 3}{9 \times 33} = \frac{18}{297}$	42	$\frac{3 \times 236}{7 \times 12} = \frac{708}{84}$	$\frac{3}{7} = \frac{36}{84}$
21	$\frac{3 \times 31}{12 \times 3} = \frac{93}{36}$	43	$\frac{48 \times 124}{60 \times 12} = \frac{5952}{720}$	$\frac{48}{60} = \frac{4}{5}$
22	$\frac{9 \times 3}{12 \times 34} = \frac{27}{408}$	44	$\frac{72 \times 12}{84 \times 127} = \frac{864}{10668}$	$\frac{72}{84} = \frac{6}{7}$

We completed this assignment together:

Parent Signature

Student Signature

Name _____

Date Week 19

1. Divide. Then, check using multiplication. The first one is done for you.

a. $487 \div 21$

$$\begin{array}{r}
 21 \overline{) 487} \\
 \underline{42} \\
 67 \\
 \underline{63} \\
 4
 \end{array}$$

2 3 R 4

Check:

$21 \times 23 = 483$

$483 + 4 = 487$

b. $485 \div 15 = 32r5$

✓

$32 \times 15 = 480$ *

$480 + 5 = 485$ *

c. $700 \div 21$

$$\begin{array}{r}
 21 \overline{) 700} \\
 \underline{63} \\
 70 \\
 \underline{63} \\
 7
 \end{array}$$

0 3 3 r 7

✓

$21 \times 33 = 693$

$693 + 7 = 700$ *

d. $399 \div 31 = 12r27$

✓

$12 \times 31 = 372$

$372 + 27 = 399$ *

e. $820 \div 42$

$$\begin{array}{r}
 42 \overline{) 820} \\
 \underline{42} \\
 400 \\
 \underline{378} \\
 22
 \end{array}$$

0 1 9 r 22

✓

$42 \times 19 = 798$

$798 + 22 = 820$ *

	40
	80
42	120
x9	160
378	200
	240
	280
	320
	360
	400