

#1

Fill in the missing number

$$\frac{1}{?} = \frac{2}{6} = \frac{4}{12} = \frac{8}{24} = \frac{16}{48}$$

☐ 3☐ 6☐ 1☐ 0

Show your work

#2

Fill in the missing number

$$\frac{1}{5} = \frac{2}{10} = \frac{4}{?} = \frac{8}{40} = \frac{16}{80}$$

☐ 16☐ 20☐ 23☐ 18

Show your work

#3

Fill in the missing number

$$\frac{1}{10} = \frac{2}{20} = \frac{4}{40} = \frac{?}{80} = \frac{16}{160}$$

☐ 8☐ 10☐ 11☐ 5

Show your work

#4

Fill in the missing number

$$\frac{1}{?} = \frac{2}{20} = \frac{4}{40} = \frac{8}{80} = \frac{16}{160}$$

☐ 13☐ 10☐ 8☐ 11

Show your work

#5

Fill in the missing number

$$\frac{1}{2} = \frac{2}{4} = \frac{4}{8} = \frac{8}{16} = \frac{16}{\boxed{}}$$

Show your work

#6

Fill in the missing number

$$\frac{1}{10} = \frac{2}{20} = \frac{4}{40} = \frac{8}{?} = \frac{16}{160}$$

☐ 80☐ 78☐ 64☐ 83

Show your work

#7

Fill in the missing number

$$\frac{1}{8} = \frac{2}{16} = \frac{4}{32} = \frac{8}{64} = \frac{?}{128}$$

☐ 18☐ 14☐ 12☐ 16

Show your work

#8

Fill in the missing number

$$\frac{1}{9} = \frac{2}{18} = \frac{4}{?} = \frac{8}{72} = \frac{16}{144}$$

☐ 25☐ 45☐ 36☐ 42

Show your work

#9

Fill in the missing number

$$\frac{1}{3} = \frac{\boxed{}}{6} = \frac{4}{12} = \frac{8}{24} = \frac{16}{48}$$

Show your work

#10

Fill in the missing number

$$\frac{1}{9} = \frac{2}{18} = \frac{?}{36} = \frac{8}{72} = \frac{16}{144}$$

☐ 1☐ 4☐ 6☐ 7

Show your work

#11

Fill in the missing number

$$\frac{1}{5} = \frac{2}{10} = \frac{4}{20} = \frac{8}{40} = \frac{16}{\boxed{}}$$

Show your work

#12

Fill in the missing number

$$\frac{1}{8} = \frac{2}{16} = \frac{4}{32} = \frac{8}{\boxed{}} = \frac{16}{128}$$

Show your work

Question	Answer
#1	3
#2	20
#3	8
#4	10
#5	32
#6	80
#7	16
#8	36
#9	2
#10	4
#11	80
#12	64