

#1

Fill in the missing number

$$\frac{1}{5} = \frac{2}{\square} = \frac{4}{20} = \frac{8}{40} = \frac{16}{80}$$

Show your work

#2

Fill in the missing number

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

 8 6 9 7

Show your work

#3

Fill in the missing number

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

 19 16 20 18

Show your work

#4

Fill in the missing number

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

Show your work

#5

Fill in the missing number

$$\frac{1}{10} = \frac{\boxed{}}{20} = \frac{4}{40} = \frac{8}{80} = \frac{16}{160}$$

Show your work

#6

Fill in the missing number

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

 1 4 5 3

Show your work

#7

Fill in the missing number

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

 64 79 48 61

Show your work

#8

Fill in the missing number

$$\frac{1}{10} = \frac{?}{20} = \frac{4}{40} = \frac{8}{80} = \frac{16}{160}$$

 1 0 2 4

Show your work

#9

Fill in the missing number

$$\frac{1}{9} = \frac{2}{18} = \frac{4}{36} = \frac{8}{72} = \frac{?}{144}$$

 12 16 18 20

Show your work

#10

Fill in the missing number

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

 16 12 17 14

Show your work

#11

Fill in the missing number

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

 11 6 9 8

Show your work

#12

Fill in the missing number

$$\frac{1}{9} = \frac{\boxed{}}{18} = \frac{4}{36} = \frac{8}{72} = \frac{16}{144}$$

Show your work

| Question | Answer |
|----------|--------|
| #1 | 10 |
| #2 | 8 |
| #3 | 16 |
| #4 | 32 |
| #5 | 2 |
| #6 | 4 |
| #7 | 64 |
| #8 | 2 |
| #9 | 16 |
| #10 | 16 |
| #11 | 8 |
| #12 | 2 |