

Equivalent Fraction Patterns

Are the given fractions equivalent?

1.

$$\frac{3}{5}$$

and

$$\frac{9}{15}$$

Yes

No

2.

$$\frac{12}{24}$$

and

$$\frac{18}{6}$$

Yes

No

3.

$$\frac{7}{3}$$

and

$$\frac{21}{9}$$

Yes

No

4.

$$\frac{2}{3}$$

and

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

Yes

No

5.

$$\frac{4}{7}$$

and

$$\frac{16}{32}$$

Yes

No

6.

$$\frac{12}{7}$$

and

$$\frac{24}{14}$$

Yes

No

Find the missing number that makes the two fractions equivalent.

7.

$$\frac{39}{12}$$

=

$$\frac{13}{?}$$

4

6

2

3

8.

$$\frac{2}{7}$$

=

$$\frac{?}{21}$$

6

7

3

2

9.
 $\frac{?}{11}$
=
 $\frac{44}{22}$

- 33
- 11
- 22
- 44

10.
 $\frac{11}{20}$
=
 $\frac{33}{?}$

- 80
- 60
- 20
- 11

11.
 $\frac{20}{?}$
=
 $\frac{5}{17}$

- 20
- 80
- 17
- 68

12.
 $\frac{4}{?}$
=
 $\frac{16}{8}$

- 8
- 4
- 2
- 16

13.
 $\frac{50}{100}$
=
 $\frac{25}{?}$

- 50
- 25
- 75
- 100

14.
 $\frac{2}{9}$
=
 $\frac{4}{18}$
=? =
 $\frac{8}{36}$

- $\frac{6}{27}$
- $\frac{3}{27}$
- $\frac{6}{18}$
- $\frac{6}{9}$

$$\begin{aligned} 15. & \quad \frac{3}{8} \\ & = \frac{6}{16} \\ & = \frac{9}{24} \\ & = ? = \frac{15}{40} \end{aligned}$$

- $\frac{12}{32}$
- $\frac{12}{36}$
- $\frac{18}{40}$
- $\frac{15}{36}$

Look at the pattern and find the missing equivalent fraction.