

1 Exercises

1.1 Equivalent Fractions

Write the missing number. Show your work in the space provided.

1.

$$\frac{1}{2} = \frac{\square}{6}$$

2.

$$\frac{\square}{8} = \frac{1}{2}$$

3.

$$\frac{6}{\square} = \frac{2}{4}$$

4.

$$\frac{\square}{3} = \frac{8}{6}$$

5.

$$\frac{1}{8} = \frac{4}{\square}$$

6.

$$\frac{\square}{5} = \frac{9}{15}$$

7.

$$\frac{\square}{5} = \frac{12}{10}$$

8.

$$\frac{16}{16} = \frac{\square}{4}$$

9.

$$\frac{12}{\square} = \frac{4}{6}$$

10.

$$\frac{5}{\square} = \frac{15}{15}$$

11.

$$\frac{13}{\square} = \frac{26}{6}$$

12.

$$\frac{12}{2} = \frac{48}{\square}$$

13.

$$\frac{\square}{8} = \frac{12}{2}$$

14.

$$\frac{4}{\square} = \frac{16}{24}$$

15.

$$\frac{35}{\square} = \frac{7}{3}$$

16.

$$\frac{\square}{6} = \frac{18}{18}$$

17.

$$\frac{14}{2} = \frac{56}{\square}$$

18.

$$\frac{4}{\square} = \frac{20}{30}$$

19.

$$\frac{5}{6} = \frac{20}{\square}$$

20.

$$\frac{\square}{7} = \frac{18}{21}$$

21. $\frac{\square}{7} = \frac{20}{28}$

22. $\frac{6}{\square} = \frac{24}{24}$

23. $\frac{30}{25} = \frac{\square}{5}$

24. $\frac{\square}{2} = \frac{76}{8}$

25. $\frac{50}{\square} = \frac{25}{4}$

26. $\frac{9}{\square} = \frac{36}{24}$

27. $\frac{36}{24} = \frac{9}{\square}$

28. $\frac{48}{20} = \frac{\square}{5}$

29. $\frac{52}{10} = \frac{26}{\square}$

30. $\frac{18}{4} = \frac{72}{\square}$

31. $\frac{20}{4} = \frac{80}{\square}$

32. $\frac{27}{4} = \frac{81}{\square}$

33. $\frac{\square}{6} = \frac{57}{18}$

34. $\frac{25}{5} = \frac{\square}{15}$

35. $\frac{63}{18} = \frac{\square}{6}$

36. $\frac{55}{35} = \frac{11}{\square}$

37. $\frac{\square}{4} = \frac{104}{16}$

38. $\frac{85}{25} = \frac{\square}{5}$

39. $\frac{\square}{20} = \frac{25}{5}$

40. $\frac{104}{24} = \frac{26}{\square}$

2 Answers

2.1 Equivalent Fractions

Write the missing number. Show your work in the space provided.

1.

$$\frac{1}{2} = \frac{\boxed{3}}{6}$$

2.

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

3.

$$\frac{6}{\boxed{12}} = \frac{2}{4}$$

4.

$$\frac{\boxed{4}}{3} = \frac{8}{6}$$

5.

$$\frac{1}{8} = \frac{4}{\boxed{32}}$$

6.

$$\frac{\boxed{3}}{5} = \frac{9}{15}$$

7.

$$\frac{\boxed{6}}{5} = \frac{12}{10}$$

8.

$$\frac{16}{16} = \frac{\boxed{4}}{4}$$

9.

$$\frac{12}{\boxed{18}} = \frac{4}{6}$$

10.

$$\frac{5}{\boxed{5}} = \frac{15}{15}$$

11.

$$\frac{13}{\boxed{3}} = \frac{26}{6}$$

12.

$$\frac{12}{2} = \frac{48}{\boxed{8}}$$

13.

$$\frac{\boxed{48}}{8} = \frac{12}{2}$$

14.

$$\frac{4}{\boxed{6}} = \frac{16}{24}$$

15.

$$\frac{35}{\boxed{15}} = \frac{7}{3}$$

16.

$$\frac{\boxed{6}}{6} = \frac{18}{18}$$

17.

$$\frac{14}{2} = \frac{56}{\boxed{8}}$$

18.

$$\frac{4}{\boxed{6}} = \frac{20}{30}$$

19.

$$\frac{5}{6} = \frac{20}{\boxed{24}}$$

20.

$$\frac{\boxed{6}}{7} = \frac{18}{21}$$

21.

$$\frac{\boxed{5}}{7} = \frac{20}{28}$$

22.

$$\frac{6}{\boxed{6}} = \frac{24}{24}$$

23.

$$\frac{30}{25} = \frac{\boxed{6}}{5}$$

24.

$$\frac{\boxed{19}}{2} = \frac{76}{8}$$

25.

$$\frac{50}{\boxed{8}} = \frac{25}{4}$$

26.

$$\frac{9}{\boxed{6}} = \frac{36}{24}$$

27.

$$\frac{36}{24} = \frac{9}{\boxed{6}}$$

28.

$$\frac{48}{20} = \frac{\boxed{12}}{5}$$

29.

$$\frac{52}{10} = \frac{26}{\boxed{5}}$$

30.

$$\frac{18}{4} = \frac{72}{\boxed{16}}$$

31.

$$\frac{20}{4} = \frac{80}{\boxed{16}}$$

32.

$$\frac{27}{4} = \frac{81}{\boxed{12}}$$

33.

$$\frac{\boxed{19}}{6} = \frac{57}{18}$$

34.

$$\frac{25}{5} = \frac{\boxed{75}}{15}$$

35.

$$\frac{63}{18} = \frac{\boxed{21}}{6}$$

36.

$$\frac{55}{35} = \frac{11}{\boxed{7}}$$

37.

$$\frac{\boxed{26}}{4} = \frac{104}{16}$$

38.

$$\frac{85}{25} = \frac{\boxed{17}}{5}$$

39.

$$\frac{\boxed{100}}{20} = \frac{25}{5}$$

40.

$$\frac{104}{24} = \frac{26}{\boxed{6}}$$