Name: _____

Solving Proportions A

Solve each proportion for x.

1. $\frac{12}{11} = \frac{48}{x}$ x = _____

2. $\frac{7}{4} = \frac{28}{x}$ x = _____

3. $\frac{6}{4} = \frac{x}{12}$ x = _____

4. $\frac{6}{5} = \frac{x}{15}$ x = _____

5. $\frac{8}{7} = \frac{x}{28}$ x = _____

6. $\frac{3}{6} = \frac{x}{30}$ x = _____

7. $\frac{9}{x} = \frac{27}{24}$ x = _____

8. $\frac{10}{8} = \frac{40}{x}$ x = _____

9. $\frac{12}{x} = \frac{24}{10}$ x = _____

10. $\frac{x}{7} = \frac{36}{21}$ x = _____

11. $\frac{4}{8} = \frac{x}{40}$ x = _____

12. $\frac{x}{3} = \frac{33}{9}$ x = _____

13. $\frac{2}{10} = \frac{x}{60}$ x = _____

14. $\frac{6}{x} = \frac{24}{8}$ x = _____

15. $\frac{9}{2} = \frac{45}{x}$ x = _____

16. $\frac{6}{2} = \frac{24}{x}$ x = _____

17. $\frac{x}{12} = \frac{10}{24}$ x = _____

18. $\frac{3}{8} = \frac{x}{48}$ x = _____

19. $\frac{11}{8} = \frac{22}{x}$ x = _____

20. $\frac{11}{6} = \frac{55}{x}$ x = _____

Name: **ANSWER KEY**

Solving Proportions A

Solve each proportion for x.

1. $\frac{12}{11} = \frac{48}{x}$ x = 44
2. $\frac{7}{4} = \frac{28}{x}$ x = 16
3. $\frac{6}{4} = \frac{x}{12}$ x = 18
4. $\frac{6}{5} = \frac{x}{15}$ x = 18
5. $\frac{8}{7} = \frac{x}{28}$ x = 32
6. $\frac{3}{6} = \frac{x}{30}$ x = 15
7. $\frac{9}{x} = \frac{27}{24}$ x = 8
8. $\frac{10}{8} = \frac{40}{x}$ x = 32
9. $\frac{12}{x} = \frac{24}{10}$ x = 5
10. $\frac{x}{7} = \frac{36}{21}$ x = 12
11. $\frac{4}{8} = \frac{x}{40}$ x = 20
12. $\frac{x}{3} = \frac{33}{9}$ x = 11
13. $\frac{2}{10} = \frac{x}{60}$ x = 12
14. $\frac{6}{x} = \frac{24}{8}$ x = 2
15. $\frac{9}{2} = \frac{45}{x}$ x = 10
16. $\frac{6}{2} = \frac{24}{x}$ x = 8
17. $\frac{x}{12} = \frac{10}{24}$ x = 5
18. $\frac{3}{8} = \frac{x}{48}$ x = 18
19. $\frac{11}{8} = \frac{22}{x}$ x = 16
20. $\frac{11}{6} = \frac{55}{x}$ x = 30