Proportions:

1. $\dfrac{x}{7} = \dfrac{36}{28} \Rightarrow x = \dfrac{7 \cdot 36}{28} \Rightarrow x = 9$

2. $\dfrac{x}{6} = \dfrac{8}{3} \Rightarrow x = \dfrac{6 \cdot 8}{3} \Rightarrow x = 16$

3. $\dfrac{x}{15} = \dfrac{2}{5} \Rightarrow x = \dfrac{15 \cdot 2}{5} \Rightarrow x = 6$

4. $\dfrac{x}{36} = \dfrac{8}{9} \Rightarrow x = \dfrac{36 \cdot 8}{9} \Rightarrow x = 32$

5. $\dfrac{x}{44} = \dfrac{1}{2} \Rightarrow x = \dfrac{44 \cdot 1}{2} \Rightarrow x = 22$

6. $\dfrac{x}{33} = \dfrac{32}{24} \Rightarrow x = \dfrac{33 \cdot 32}{24} \Rightarrow x = 44$

7. $\dfrac{x}{12} = \dfrac{20}{24} \Rightarrow x = \dfrac{12 \cdot 20}{24} \Rightarrow x = 10$

8. $\dfrac{x}{4} = \dfrac{35}{10} \Rightarrow x = \dfrac{4 \cdot 35}{10} \Rightarrow x = 14$

9. $\dfrac{x}{20} = \dfrac{35}{28} \Rightarrow x = \dfrac{20 \cdot 35}{28} \Rightarrow x = 25$

10. $\dfrac{x}{16} = \dfrac{24}{36} \Rightarrow x = \dfrac{16 \cdot 24}{36} \Rightarrow x = \dfrac{32}{10} = 10.67$

11. $\dfrac{7}{4} = \dfrac{14}{x} \Rightarrow \dfrac{x}{4} = \dfrac{14}{7} \Rightarrow x = \dfrac{4 \cdot 14}{7} \Rightarrow x = 8$

12. $\dfrac{3}{1} = \dfrac{27}{x} \Rightarrow \dfrac{x}{1} = \dfrac{27}{3} \Rightarrow x = \dfrac{1 \cdot 27}{3} \Rightarrow x = 9$

13. $\dfrac{9}{12} = \dfrac{27}{x} \Rightarrow \dfrac{x}{12} = \dfrac{27}{9} \Rightarrow x = \dfrac{12 \cdot 27}{9} \Rightarrow x = 36$

14. $\dfrac{21}{9} = \dfrac{63}{x} \Rightarrow \dfrac{x}{9} = \dfrac{63}{21} \Rightarrow x = \dfrac{9 \cdot 63}{21} \Rightarrow x = 27$

15. $\dfrac{45}{10} = \dfrac{9}{x} \Rightarrow \dfrac{x}{10} = \dfrac{9}{45} \Rightarrow x = \dfrac{10 \cdot 9}{45} \Rightarrow x = 2$

16. $\dfrac{26}{13} = \dfrac{16}{x} \Rightarrow \dfrac{x}{13} = \dfrac{16}{26} \Rightarrow x = \dfrac{13 \cdot 16}{26} \Rightarrow x = 8$

17. $\dfrac{42}{x} = \dfrac{7}{3} \Rightarrow \dfrac{x}{42} = \dfrac{3}{7} \Rightarrow x = \dfrac{42 \cdot 3}{7} \Rightarrow x = 18$

18. $\dfrac{49}{x} = \dfrac{14}{5} \Rightarrow \dfrac{x}{49} = \dfrac{5}{14} \Rightarrow x = \dfrac{49 \cdot 5}{14} \Rightarrow x = \dfrac{35}{2} = 17.5$

19. $\dfrac{35}{x} = \dfrac{15}{6} \Rightarrow \dfrac{x}{35} = \dfrac{6}{15} \Rightarrow x = \dfrac{35 \cdot 6}{15} \Rightarrow x = 14$

20. $\dfrac{15}{x} = \dfrac{20}{44} \Rightarrow \dfrac{x}{15} = \dfrac{44}{20} \Rightarrow x = \dfrac{15 \cdot 44}{20} \Rightarrow x = 33$