Proportions:

1. $\dfrac{x}{7} = \dfrac{36}{35} \Rightarrow x = \dfrac{7 \cdot 36}{35} \Rightarrow x = \dfrac{36}{5} = 7.2$ 2. $\dfrac{x}{12} = \dfrac{8}{6} \Rightarrow x = \dfrac{12 \cdot 8}{6} \Rightarrow x = 16$

3. $\dfrac{x}{25} = \dfrac{4}{15} \Rightarrow x = \dfrac{25 \cdot 4}{15} \Rightarrow x = \dfrac{20}{3} = 6.67$ 4. $\dfrac{x}{45} = \dfrac{3}{9} \Rightarrow x = \dfrac{45 \cdot 3}{9} \Rightarrow x = 15$

5. $\dfrac{x}{22} = \dfrac{3}{4} \Rightarrow x = \dfrac{22 \cdot 3}{4} \Rightarrow x = \dfrac{33}{2} = 11.5$ 6. $\dfrac{x}{32} = \dfrac{9}{24} \Rightarrow x = \dfrac{32 \cdot 9}{24} \Rightarrow x = 12$

7. $\dfrac{x}{48} = \dfrac{7}{24} \Rightarrow x = \dfrac{48 \cdot 7}{24} \Rightarrow x = 14$ 8. $\dfrac{x}{4} = \dfrac{45}{10} \Rightarrow x = \dfrac{4 \cdot 45}{10} \Rightarrow x = 18$

9. $\dfrac{x}{14} = \dfrac{26}{28} \Rightarrow x = \dfrac{14 \cdot 26}{28} \Rightarrow x = 13$ 10. $\dfrac{x}{20} = \dfrac{45}{36} \Rightarrow x = \dfrac{20 \cdot 45}{36} \Rightarrow x = 25$

11. $\dfrac{9}{4} = \dfrac{18}{x} \Rightarrow \dfrac{x}{4} = \dfrac{18}{9} \Rightarrow x = \dfrac{4 \cdot 18}{9} \Rightarrow x = 8$

12. $\dfrac{11}{1} = \dfrac{44}{x} \Rightarrow \dfrac{x}{1} = \dfrac{44}{11} \Rightarrow x = 4$

13. $\dfrac{18}{12} = \dfrac{27}{x} \Rightarrow \dfrac{x}{12} = \dfrac{27}{18} \Rightarrow x = \dfrac{12 \cdot 27}{18} \Rightarrow x = 18$

14. $\dfrac{21}{3} = \dfrac{42}{x} \Rightarrow \dfrac{x}{3} = \dfrac{42}{21} \Rightarrow x = \dfrac{3 \cdot 42}{21} \Rightarrow x = 6$

15. $\dfrac{45}{30} = \dfrac{15}{x} \Rightarrow \dfrac{x}{30} = \dfrac{15}{45} \Rightarrow x = \dfrac{30 \cdot 15}{45} \Rightarrow x = 10$

16. $\dfrac{20}{28} = \dfrac{16}{x} \Rightarrow \dfrac{x}{28} = \dfrac{16}{20} \Rightarrow x = \dfrac{28 \cdot 16}{20} \Rightarrow x = \dfrac{112}{5} = 22.4$

17. $\dfrac{49}{x} = \dfrac{7}{2} \Rightarrow \dfrac{x}{49} = \dfrac{2}{7} \Rightarrow x = \dfrac{49 \cdot 2}{7} \Rightarrow x = 14$

18. $\dfrac{35}{x} = \dfrac{14}{10} \Rightarrow \dfrac{x}{35} = \dfrac{10}{14} \Rightarrow x = \dfrac{35 \cdot 10}{14} \Rightarrow x = 25$

19. $\dfrac{45}{x} = \dfrac{25}{6} \Rightarrow \dfrac{x}{45} = \dfrac{6}{25} \Rightarrow x = \dfrac{45 \cdot 6}{25} \Rightarrow x = \dfrac{54}{5} = 10.8$

20. $\dfrac{30}{x} = \dfrac{20}{16} \Rightarrow \dfrac{x}{30} = \dfrac{16}{20} \Rightarrow x = \dfrac{30 \cdot 16}{20} \Rightarrow x = 24$