

## PG. 672-673 #11-26 ALL ANSWERS

11.  $45 = p \cdot 60$ ; 75%

12.  $35 = 0.35 \cdot w$ ; 100

13.  $a = 0.008 \cdot 150$ ; 1.2

14.  $29 = p \cdot 20$ ; 145%

15.  $12 = 0.005 \cdot w$ ; 2400

16.  $51 = p \cdot 300$ ; 17%

17.  $102 = 1.2 \cdot w$ ; 85

18. The percent was not converted to a decimal or fraction.

$$\begin{aligned} a &= p \cdot w \\ &= 0.35 \cdot 20 \\ &= 7 \end{aligned}$$

19. 30 represents the part of the whole.

$$\begin{aligned} 30 &= 0.6 \cdot w \\ 50 &= w \end{aligned}$$

20. \$200

21. \$5400

22. 5%

23. 26 years old

24. 70 years old

25. 56 signers

26. 70%