

$$26. \quad bh = 28$$

$$27. \quad bh = 120$$

$$28. \quad \frac{1}{2}bh = 20$$

$$29. \quad \frac{1}{2}bh = 60$$

$$30. \quad \frac{1}{2}(b_1 + b_2)h = 32$$

$$31. \quad \frac{15}{3} = \frac{29}{DE} \quad DE = 5$$

$$32. \quad \frac{3}{7} = \frac{AE}{14} \quad AE = 6$$

$$33. \quad \frac{12}{8} = \frac{3}{h} \quad h = 2$$

$$34. \frac{\rho_{DEF}}{\rho_{ABC}} = \frac{FE}{CB} \quad \rho_{DEF} = \boxed{24}$$

$$\frac{\rho_{DEF}}{8+12+16} = \frac{8}{12}$$

$$\frac{\rho_{DEF}}{36} = \frac{2}{3}$$

$$35. \frac{\alpha_{DEF}}{\alpha_{ABC}} = \left(\frac{FE}{CB}\right)^2$$

$$\frac{\alpha_{DEF}}{\frac{1}{2}(9)(12)} = \left(\frac{4}{12}\right)^2$$

$$\frac{\alpha_{DEF}}{54} = \frac{1}{9}$$

$$\frac{\alpha_{DEF}}{54} = \left(\frac{1}{3}\right)^2$$

$$\alpha_{DEF} = \boxed{6}$$