

Name _____

Date _____

1. Label the array. Then complete the equations to make statements that are true.

a. $18 \div 3 = \underline{6}$



$(9 \div 3) = 3$



$(9 \div 3) = \underline{3}$

$$\begin{aligned} (18 \div 3) &= (9 \div 3) + (9 \div 3) \\ &= \underline{3} + \underline{3} \\ &= \underline{6} \end{aligned}$$

b. $21 \div 3 = \underline{7}$

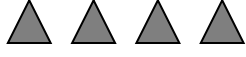
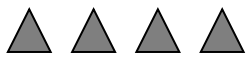


$(15 \div 3) = 5$

$(6 \div 3) = \underline{2}$

$$\begin{aligned} (21 \div 3) &= (15 \div 3) + (6 \div 3) \\ &= \underline{5} + \underline{2} \\ &= \underline{7} \end{aligned}$$

c. $24 \div 4 = \underline{6}$

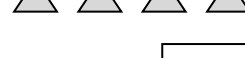


$(20 \div 4) = \underline{5}$

$(4 \div 4) = \underline{1}$

$$\begin{aligned} (24 \div 4) &= (20 \div 4) + (\underline{4} \div 4) \\ &= \underline{5} + \underline{1} \\ &= \underline{6} \end{aligned}$$

d. $36 \div 4 = \underline{9}$



$(20 \div 4) = \underline{5}$

$(16 \div 4) = \underline{4}$

$$\begin{aligned} (36 \div 4) &= (\underline{20} \div 4) + (\underline{16} \div 4) \\ &= \underline{5} + \underline{4} \\ &= \underline{9} \end{aligned}$$

4. Match equal expressions.

5. Alex draws the array below to find the answer to $35 \div 5$. Explain Alex's strategy.