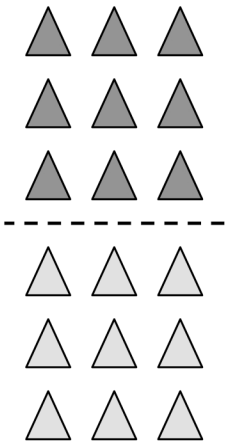
Name _____ Date _____

1. Label the array. Then, fill in the blanks to make true number sentences.

a. 18 ÷ 3 = _____



(9 ÷ 3) = 3

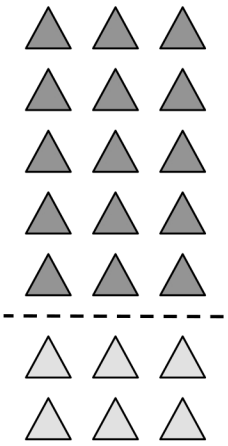
(9 ÷ 3) = _____

(18 ÷ 3) = (9 ÷ 3) + (9 ÷ 3)

= __3__ + _____

= __6__

b. 21 ÷ 3 = _____



(15 ÷ 3) = 5

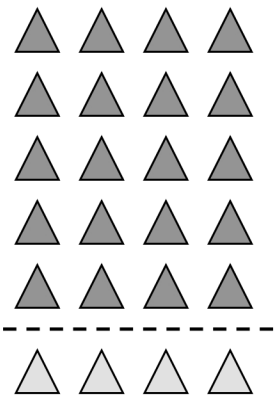
(6 ÷ 3) = _____

(21 ÷ 3) = (15 ÷ 3) + (6 ÷ 3)

= __5__ + _____

= _____

c. 24 ÷ 4 = _____



(20 ÷ 4) = _____

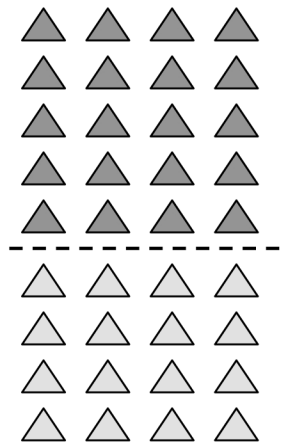
(4 ÷ 4) = _____

(24 ÷ 4) = (20 ÷ 4) + (____ ÷ 4)

= _____ + _____

= _____

d. 36 ÷ 4 = _____



(20 ÷ 4) = _____

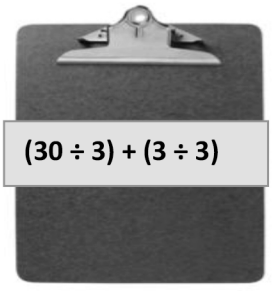
(16 ÷ 4) = _____

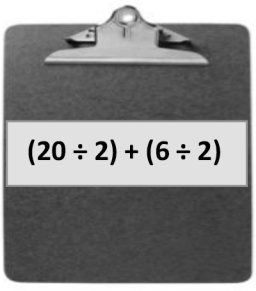
(36 ÷ 4) = (___ ÷ 4) + (___ ÷ 4)

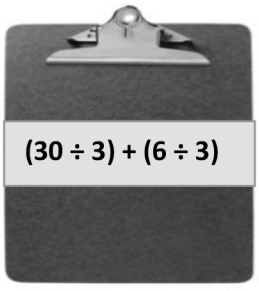
= _____ + _____

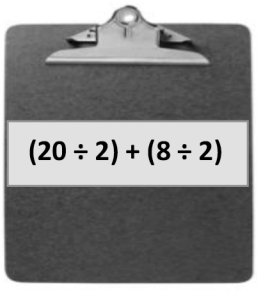
= _____

2. Match equal expressions.

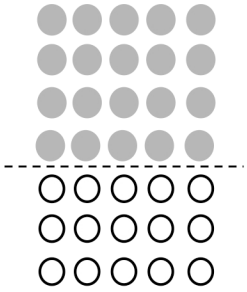








3. Alex draws the array below to find the answer to 35 ÷ 5. Explain Alex's strategy.



Answer Key

1. a. 6; 3; 3
   b. 7; 2; 2, 7
   c. 6; 5, 1; 4, 5, 1, 6
   d. 9; 5, 4; 20, 16, 5, 4, 9
2. First white board matched to fourth clipboard; second white board matched to first clipboard; third white board matched to third clipboard; fourth white board matched to second clipboard
3. 35 ÷ 5 broken into two smaller facts: 20 ÷ 5 and 15 ÷ 5; sum of two smaller facts found to answer larger fact