Name	Date

- 1. Complete the charts below.
 - a. A tricycle has 3 wheels.

Number of tricycles	3	4	5	6	7
Total number of wheels	9	12	15	18	21

b. A tiger has 4 legs.

Number of tigers	5	6	7	8	9
Total number of legs	20	24	18	32	3

c. A pack has 5 erasers.

Number of packs	6	7	8	٥	10
Total number of erasers	30	35	40	45	50

2. Write two multiplication facts for each array.





Lesson 1: Date:

Study commutativity to find known facts of 1, 6, 7, 8, and 9. 7/31/13



3.A.13

3. Match the expressions.



4. Complete the equations.

a.
$$2 \operatorname{sixes} = \underbrace{6}_{\text{twos}}$$

 $= \underbrace{12}_{\text{twos}}$
b. $\underbrace{3}_{\times 6 = 6 \text{ threes}}$
 $= \underbrace{18}_{\text{twos}}$
c. $4 \times 8 = \underbrace{8}_{\times 4}$
 $= \underbrace{32}_{\text{twos}}$
d. $4 \times \underbrace{7}_{\text{twos}} = \underbrace{7}_{\times 4}$
 $= \underbrace{28}_{\text{twos}}$
e. $5 \operatorname{twos} + 2 \operatorname{twos} = \underbrace{7}_{\times 2} \times \underbrace{2}_{\text{twos}}$
 $= \underbrace{14}_{\text{twos}}$
f. $\underbrace{5}_{\text{fives} + 1 \text{ five} = 6 \times 5}_{\text{twos}}$
 $= \underbrace{32}_{\text{twos}}$

COMMON CORE Lesson 1: Date:

Study commutativity to find known facts of 1, 6, 7, 8, and 9. 7/31/13



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