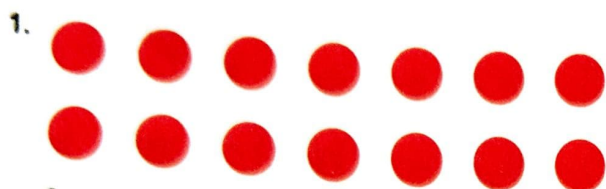




Name \_\_\_\_\_

## 14.4 Relate Multiplication and Division

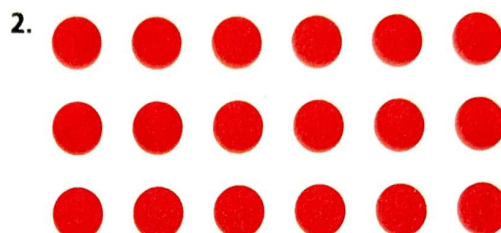
Complete the equations.



2 rows of 7 = 14

$2 \times \underline{7} = 14$

$14 \div 2 = \underline{7}$



3 rows of 6 = 18

$3 \times \underline{6} = 18$

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

3.  $6 \times \underline{4} = 24$        $24 \div 6 = \underline{4}$

4.  $8 \times \underline{7} = 56$        $56 \div \underline{7} = 8$

5.  $8 \times \underline{8} = 64$        $64 \div 8 = \underline{8}$

6.  $5 \times \underline{9} = 45$        $45 \div 5 = \underline{9}$

### Problem Solving



Use the table for 7–10. You may use arrays, strip diagrams, and equations to represent and solve.

#### Souvenir Shop

Item	Amount
Stuffed animal	\$4
Snow globe	\$8
Calendar	\$5

7. Harry pays \$16 for stuffed animals. How many stuffed animals does Harry buy?

4 stuffed animals

8. Mrs. Kahn buys 3 snow globes for her children. How much money does Mrs. Kahn spend on the snow globes?

\$24

9. On Tuesdays, stuffed animals and calendars are each \$1 off. How much will Marcus pay if he waits until Tuesday to buy 3 stuffed animals and 2 calendars?

\$17



**Lesson Check**

Fill in the bubble completely to show your answer.  
You may use arrays, strip diagrams, and equations to represent and solve.

10. Ned earns \$15 delivering newspapers. He earns \$5 each day. How many days does Ned deliver newspapers?
- (A) 20 days  
(B) 5 days  
(C) 3 days  
(D) 10 days
11. Janella buys some comic books. She spends \$12. Each comic book costs \$2. How many comic books does Janella buy?
- (A) 14  
(B) 10  
(C) 5  
(D) 6
12. There are 28 children going on a scavenger hunt. They need to make teams of 4. How many children are on each team for the scavenger hunt?
- (A) 7  
(B) 8  
(C) 6  
(D) 5
13. Mr. Brown wants to build a fence that measures 36 feet long. Each section of fencing is 6 feet long. How many sections of fence does Mr. Brown need?
- (A) 30  
(B) 42  
(C) 9  
(D) 6
14. **Multi-Step** A group of 30 people are going to the zoo. There are 4 cars. If each car seats 5 people, how many more cars will they need for the trip?
- (A) 10  
(B) 2  
(C) 20  
(D) 5
15. **Multi-Step** Paula has 21 shells she collected at the beach. She shares them equally with herself and 2 friends. Then she gives 3 shells to her mother. How many shells does Paula have left?
- (A) 7  
(B) 4  
(C) 3  
(D) 5